编译者说明

由于电子工业和电影、电视事业的飞速发展，近年来我国在光学镜头设计及其加工方面取得了很大进展。成系列的各类镜头已经设计和试制出来，有些并已进入成批生产阶段。但在品种、数量和质量方面，跟世界先进水平相比，差距还是比较大。

近年来，我们收集了美、英、德、日等国从1811年到现在的光学镜头资料及部分国内镜头资料共3000多种，现挑选其中的一部分经补充整理之后，将其出版，以供我国从事光学镜头设计的人员参考。

我们准备分成“大相对孔径物镜”（第一、二册，已出），“广角物镜”（第三册，已出），“变焦距物镜”（第四册，已出），“中等视场中等孔径物镜”（第五册，已出），“日本七十年代初的部分大相对孔径物镜及部分广角物镜专集”（第六册，已出），“1978～1980年国外部分物镜专集”（第七册，已出），“目镜”（第八册），“非球面系统”（第九册），“特种镜头，显微物镜及其他”（第十册）等九类。每册收集的镜头数约为100～200个。

原资料中，大部分未给出象差值，也没有列出象差曲线图，我们均重新计算给予补上。由于原资料中光栏位置，F.A.，E.F.L，B.F.L等大多没有给出，我们计算时只能根据我们按一般使用情况主观给定的有关光栏位置，F.A.等进行计算，因此相应的象差值和象差曲线图仅供参考。

本册的内容为目镜，收集了1920～1982年部分国外目镜镜头：一般目镜、中等视场目镜、广角目镜、虚焦面目镜、放大镜、变焦目镜等以及七十年代才出现的新型目镜。

《云光技术》杂志曾于1972年收集出版了“目镜数据专辑”（见该刊1972年1～2期），该“专辑”是设计望远镜、显微镜、测距仪等目镜和放大镜的很有参考价值的资料，现征得云南光学仪器厂有关部门同意，将“专辑”中的结构参数作为附录列入本册。在此谨向云南光学仪器厂和该专辑的汇编者致谢。

由于我们水平有限，时间仓促，力量不足，所以只能一部分一部分地整理出版，而且在整理过程中，一定存在不少缺点和错误，分类也不可能完全合理，望读者批评指正。

参加本册编译工作的有杨廷田、林茂智和春光等同志。

编译者

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符 号 说 明

1．凡数据后有符号“＊＊”，表示原资料中未给此值，此系编者在计算时给定的值。

2．凡没有注明数值单位的，均以毫米为单位；若注明以英寸为单位，则在该镜头资料中均以英寸为单位。

3．常用符号：

ΣS_1　球差系数和；

ΣS_2　彗差系数和；

ΣS_3　象散系数和；

ΣS_4　场曲系数和；

ΣS_5　畸变系数和；

LA'　球差；

$\Delta H'$　绝对畸变；

x_t'　细光束子午场曲；

x_s'　细光束弧矢场曲；

$x_t'-x_s'$　象散；

K_{T1}'　全口径的子午彗差；

$K_{T0.7}'$　0.707 口径的子午彗差；

QP　相对畸变；

HI　理想象高；

E. F. L　焦距；

B. F. L　后截距；

F. A.　视场角；

ω　镜头视场；

OSC'　正弦差；

$\phi_{出}$　目镜出瞳直径；

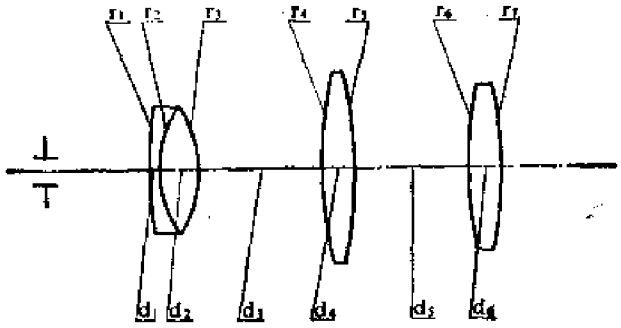
l_p'　目镜入射光瞳（近轴）距离；

L_p　目镜出射光瞳距离。

编号：08-01-001

望远镜　目镜

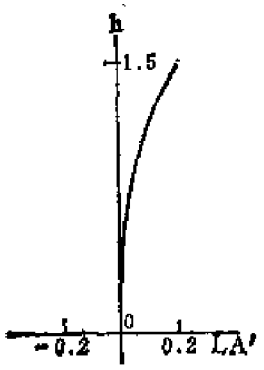
E.F.L=87.5　B.F.L=－13.66　$\phi_{\text{出}}/2=1.5^{**}$　F.A.=±15°**

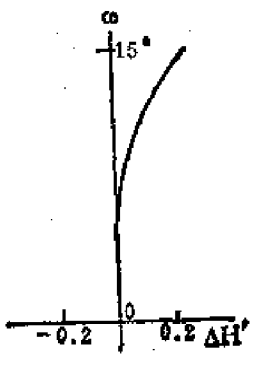


序号	r	d	n	v
1	88.30	1.3	1.617	36.6
2	19.12	6.6	1.517	64.5
3	－21.30	21.6		
4	75.80	5.0	1.523	58.6
5	－75.80	19.5		
6	75.80	5.0	1.523	58.6
7	－75.80			

	ΣS_1	ΣS_2	ΣS_3	ΣS_4	ΣS_6	HI	QP(1ω)
	0.00064	0.00074	－0.00056	0.00586	0.01985	10.05	2.3%

h或ω%	L_p	l'_F	LA′	OSC′	x'_s	x'_t	$x'_t-x'_s$	K'_{T1}	$K'_{T0.7}$	ΔH′
100	－17.5	69.4	0.200	0.0009	0.934	1.566	－0.632	0.0213	0.0107	0.23
70			0.100	0.0004	0.560	0.788	－0.228	0.0178	0.0088	0.08

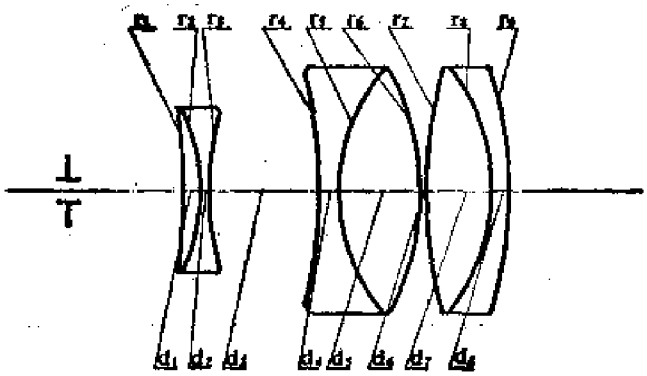




编号：08-01-002

目　镜

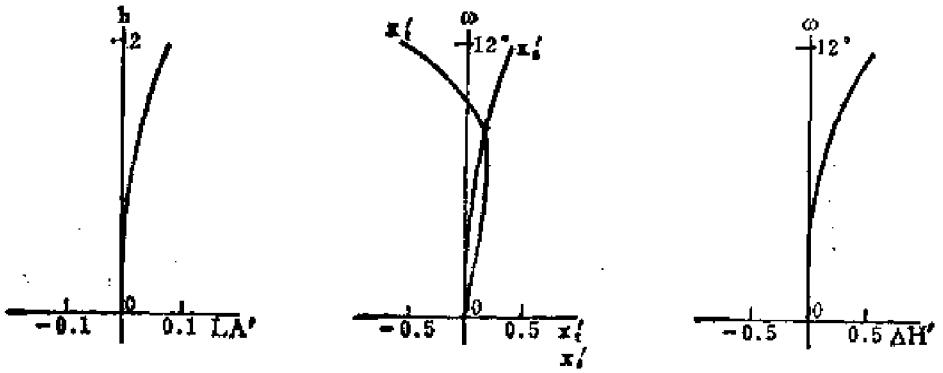
E.F.L＝104.5　　B.F.L＝161.82　　$\phi_{出}/2=2^{**}$　　F.A.＝±12°



序号	r	d	n	v
1	－270	5.0	1.62	37
2	－73	4.0	1.62	55
3	107	38.0		
4	－223	7.0	1.65	34
5	73	29.0	1.62	60
6	－91	0.2		
7	202	22.0	1.61	59
8	－73	7.0	1.65	34
9	－138			

	ΣS_1	ΣS_2	ΣS_3	ΣS_4	ΣS_5	HI	QP(1ω)
	0.00005	0.00017	0.00013	0.00032	0.02066	22.20	2.2%

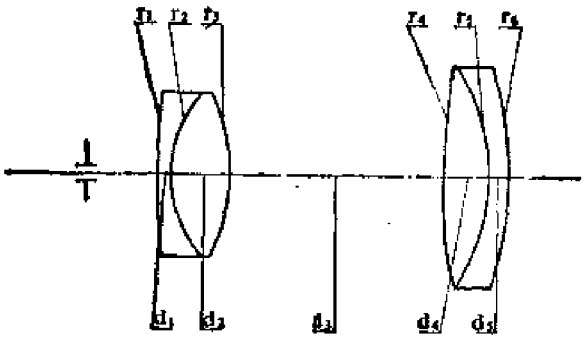
h或ω%	L_p	l'_F	LA′	OSC′	x'_t	x'_s	$x'_t-x'_s$	K_{f_1}	$K_{f_{0.7}}$	ΔH′
100	－40**	614.2	0.075	0.0002	－0.690	0.338	－1.028	0.00077	0.00047	0.49
70			0.037	0.0001	0.167	0.250	－0.083	0.00626	0.00313	0.18



编号：08-01-003

目　镜

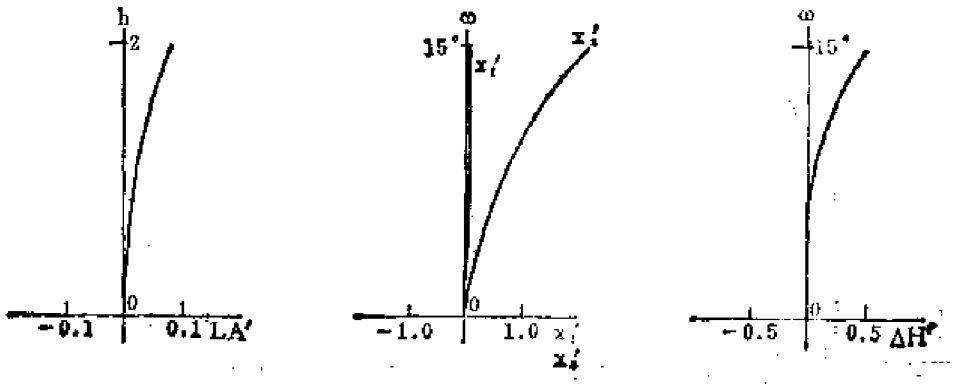
E.F.L＝100　　B.F.L＝17.39　　$\phi_{出}/2=2^{**}$　　F.A.＝±15°



序号	r	d	n	ν
1	257.6	4.5	1.649	33.8
2	45.2	20.2	1.573	57.4
3	－69.6	75.8		
4	222.0	15.2	1.517	64.5
5	－74.5	6.1	1.649	33.8
6	－156.0			

	ΣS_1	ΣS_2	ΣS_3	ΣS_4	ΣS_5	HI	QP(1ω)
	0.00006	－0.00007	－0.00080	0.00271	0.02172	26.79	1.9%

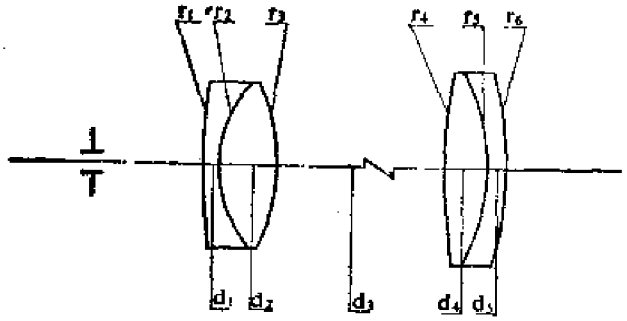
h 或 ω %	L_p	l'_p	LA′	OSC′	x'_t	x'_s	$x'_t-x'_s$	K'_{T1}	$K'_{T0.7}$	ΔH′
100	－25**	－459.6	0.077	－0.00007	0.036	2.252	－2.216	－0.0071	－0.0035	0.51
70			0.038	－0.00003	0.108	1.134	－1.026	－0.0044	－0.0021	0.18



编号：08-01-004

目　镜

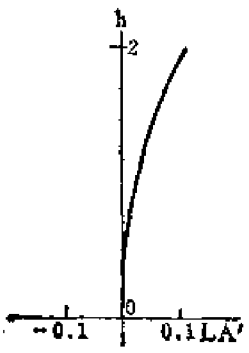
E.F.L＝65.9　　B.F.L＝11.46　　$\phi_{出}/2=2^{**}$　　F.A.＝±15°

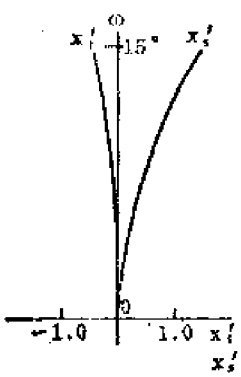


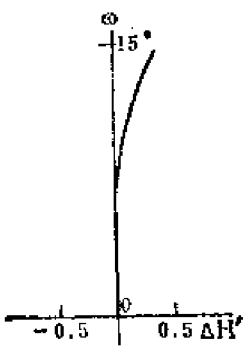
序号	r	d	n	ν
1	169.7	3.0	1.649	33.8
2	29.8	13.3	1.573	57.4
3	－45.9	50.0		
4	146.2	10.0	1.517	64.5
5	－49.1	4.0	1.649	33.8
6	－102.9			

	ΣS_1	ΣS_2	ΣS_3	ΣS_4	ΣS_5	HI	QP(1ω)
	0.00021	0.00007	－0.00133	0.00412	0.02187	17.66	1.8%

h或ω%	L_p	l'_p	LA′	OSC′	x'_t	x'_s	$x'_t-x'_s$	K'_{T1}	$K'_{T0.7}$	ΔH′
100	－25	－808.9	0.117	0.00006	－0.47	1.38	－1.85	－0.002	－0.001	0.33
70			0.058	0.00003	－0.08	0.71	－0.79	0.0008	0.0004	0.11



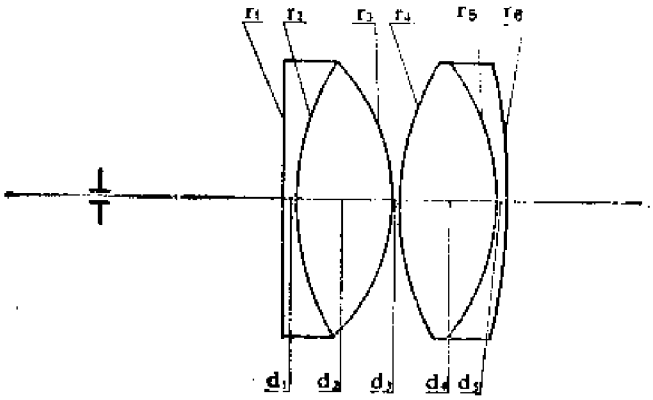




编号：08-01-005

望远镜　目镜

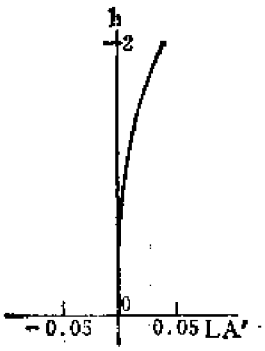
E.F.L＝100英寸　　B.F.L＝67.7　　$\phi_{出}/2=2^{\circ\circ}$　　F.A.＝$\pm 15^{\circ\circ}$

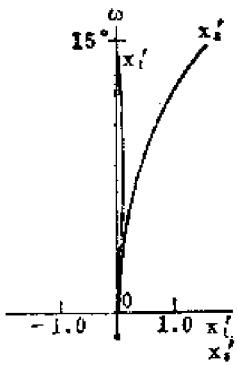


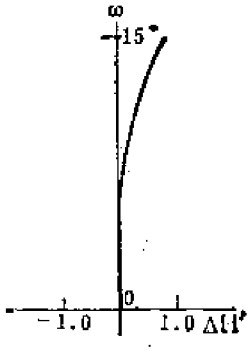
序号	r	d	n	v
1	∞	6.5	1.6200	36.3
2	141	48.4	1.5891	61.2
3	−101.5	0.6		
4	147	48.4	1.5891	61.2
5	−99.3	6.5	1.7283	28.3
6	−365			

	ΣS_1	ΣS_2	ΣS_3	ΣS_4	ΣS_5	HI	QP(1ω)
	0.00002	0.00008	−0.00059	0.00193	0.02265	26.79	2.9%

h 或 ω %	L_p	l'_p	LA′	OSC′	x'_t	x'_s	$x'_t-x'_s$	K_{f1}	$K_{f0.7}$	ΔH′
100	−64	5694	0.035	0.00007	0.004	1.573	−1.569	0.0056	0.0028	0.79
70			0.017	0.00003	0.048	0.792	−0.744	0.0041	0.0021	0.28



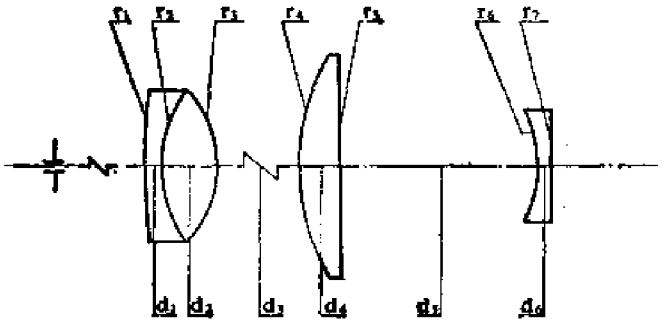




编号：08-01-006

显微镜、望远镜等光学仪器的目镜

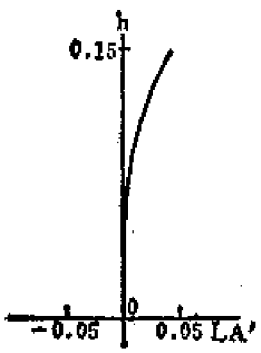
E.F.L=0.5　　B.F.L=−0.61　　$\phi_{出}/2=0.15^{**}$　　F.A.=±19°**

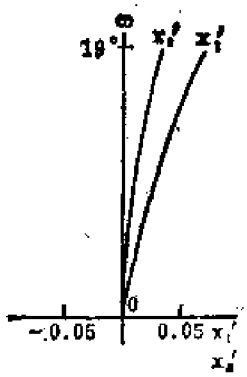


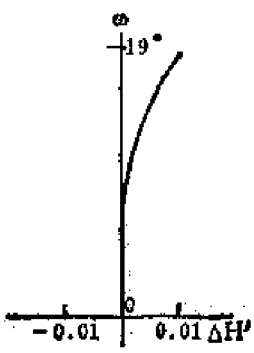
序号	r	d	n	v
1	1.8400	0.05	1.70050	30.2
2	0.4496	0.20	1.51757	64.1
3	−0.4063	1.36		
4	0.7810	0.15	1.70050	30.2
5	∞	0.70		
6	−0.4289	0.05	1.51757	64.1
7	∞			

	ΣS_1	ΣS_2	ΣS_3	ΣS_4	ΣS_5	HI	QP(1ω)
	0.0055	0.0044	0.0054	0.0017	0.0075	0.17	5.4%

h 或 ω %	l_p	l_p'	LA′	OSC′	x_t'	x_s'	$x_t'-x_s'$	K_{T1}'	$K_{T0.7}'$	ΔH′
100	−0.5**	2.98	0.034	0.0452	0.067	0.032	0.035	−0.029	0.001	0.009
70			0.015	0.0221	0.041	0.017	0.024	0.017	0.008	0.003



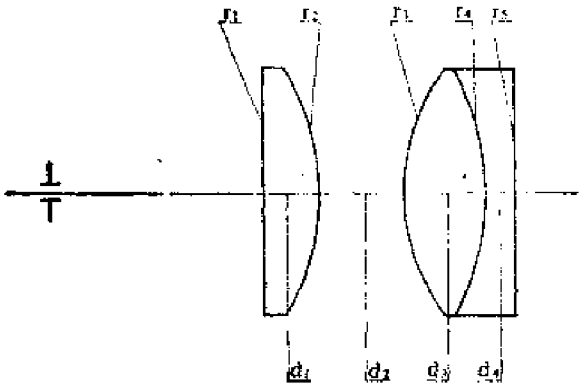




编号：08-01-007

目　镜

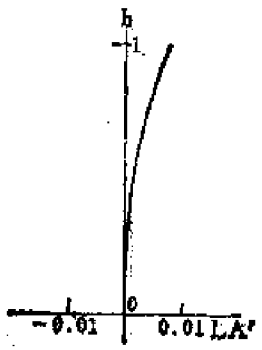
E.F.L≈100　　B.F.L=55.51　　$\phi_{出}/2=1^{**}$　　F.A.=±10°**

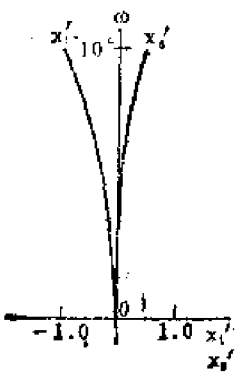


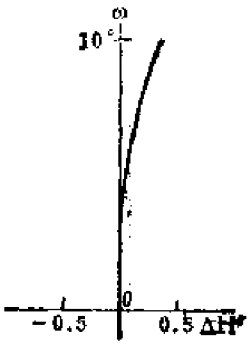
序号	r	d	n	v
1	∞	20.7	1.5163	64.0
2	-91.2	29.8		
3	74.5	29.0	1.5163	64.0
4	-91.2	10.0	1.7283	28.3
5	∞			

	ΣS_1	ΣS_2	ΣS_3	ΣS_4	ΣS_5	HI	QP(1ω)
	0.000001	0	-0.00013	0.00023	0.00395	17.63	1.8%

h或ω%	L_p	l'_p	LA′	OSC′	x'_t	x'_s	$x'_t-x'_s$	$K_{\Phi 1}$	$K_{T6.7}$	ΔH′
100	-76.3	78364	0.007	0	-1.04	0.427	-1.467	-0.0002	-0.0001	0.31
70			0.003	0	-0.46	0.228	-0.688	-0.00007	-0.00008	0.11



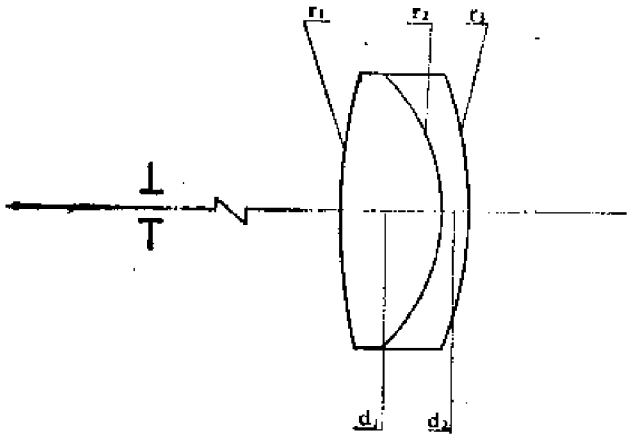




编号：08-01-008

放 大 镜

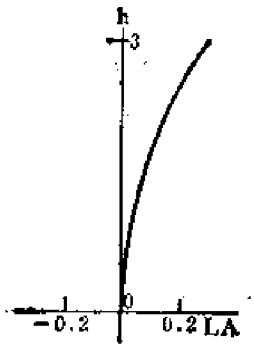
E.F.L=41.7　　B.F.L=39.57　　$\phi_{in}/2=3^{**}$　　F.A.$=\pm 18^{\circ **}$

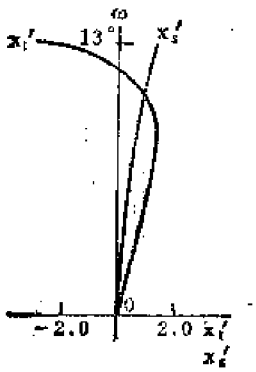


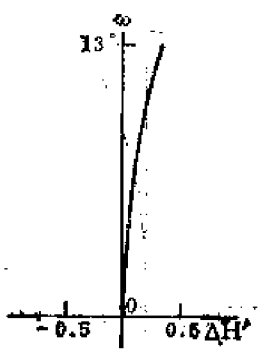
序号	r	d	n	v
1	51.71	7.1	1.51625	64.0
2	−14.28	2.0	1.61992	36.3
3	−28.12			

	ΣS_1	ΣS_2	ΣS_3	ΣS_4	ΣS_5	HI	QP(1ω)
	0.0029	0.0062	0.0147	0.0082	0.6904	9.62	3.9%

h 或 ω %	L_p	i_p'	LA′	OSC′	x_t'	x_s'	$x_t'-x_s'$	Kf_1	$Kf_{0.7}$	ΔH′
100	−44**	311.7	0.281	0.0043	−2.92	1.10	−4.02	−1.091	−0.360	0.37
70			0.141	0.0022	1.68	0.91	0.57	−0.024	−0.002	0.19



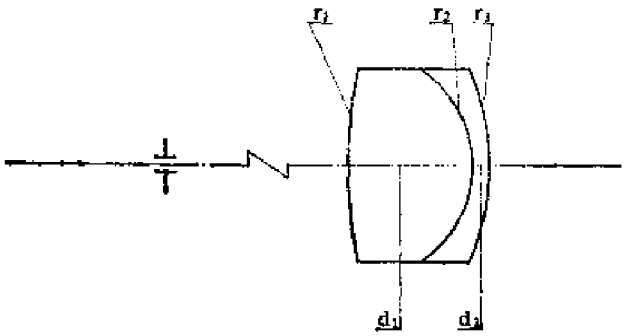




编号：08-01-009

放 大 镜

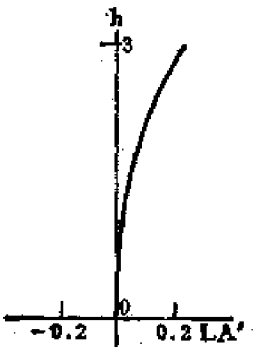
E.F.L＝41.8　　B.F.L＝37.34　　$\phi_{出}/2=3^{\circ}$　　F.A.＝±13°

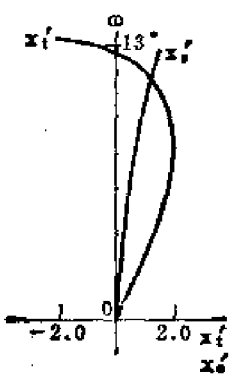


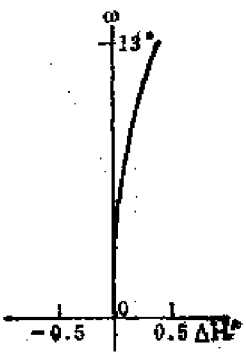
序号	r	d	n	v
1	53.22	14.6	1.56018	61.2
2	−14.01	2.0	1.61992	36.3
3	−32.12			

	ΣS_1	ΣS_2	ΣS_3	ΣS_4	ΣS_5	CI	QP(1ω)
	0.0026	0.0063	0.0171	0.0081	0.1006	9.65	4.4%

h 或 ω %	L_p	l'_p	LA′	OSC′	x'_t	x'_s	$x'_t-x'_s$	K'_{T1}	$K'_{T0.7}$	ΔH′
100	−44′	229	0.257	0.0045	−2.43	1.36	−3.79	−1.553	−0.413	0.43
70			0.129	0.0023	1.91	1.04	0.87	0	0.0078	0.21



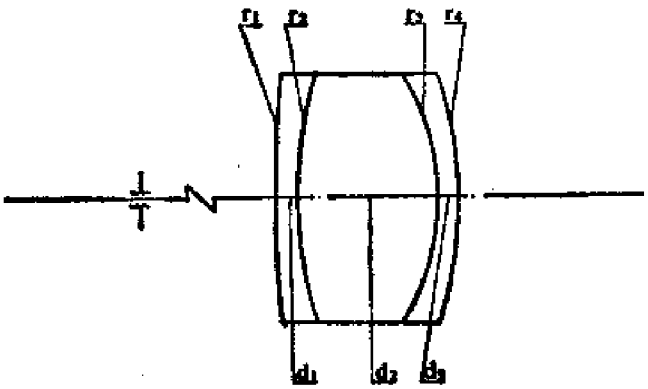




编号：08-01-010

三胶合放大镜

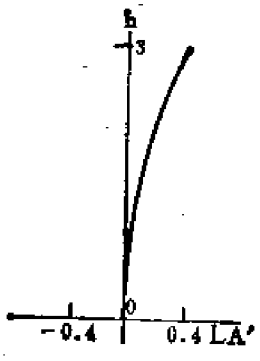
E.F.L＝63.92　　B.F.L＝63.8　　$\phi_{\text{物}}/2=3^{**}$　　F.A.＝±15°**

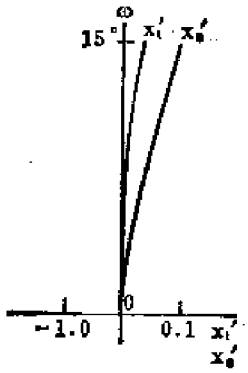


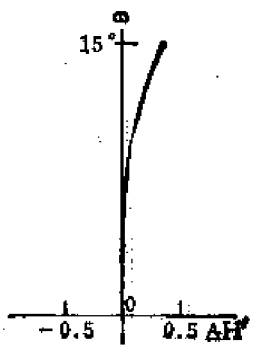
序号	r	d	n	v
1	370.84	1.52	1.52620	51.00
2	34.66	9.52	1.51671	64.20
3	−17.60	1.52	1.66662	33.09
4	−29.00			

	ΣS_1	ΣS_2	ΣS_3	ΣS_4	ΣS_5	HI	QP(1ω)
	0.0018	0.00003	−0.0015	0.0072	0.0347	17.1	2.1%

h 或 ω %	L_p	l_p'	LA′	OSC′	x_t'	x_s'	$x_t'-x_s'$	K_{T1}'	$K_{T0.7}'$	ΔH′
100	−20**	−50.3	0.407	0	0.424	1.205	−0.781	−0.0111	−0.0048	0.36
70			0.204	0	0.257	0.613	−0.356	−0.0038	−0.0015	0.12



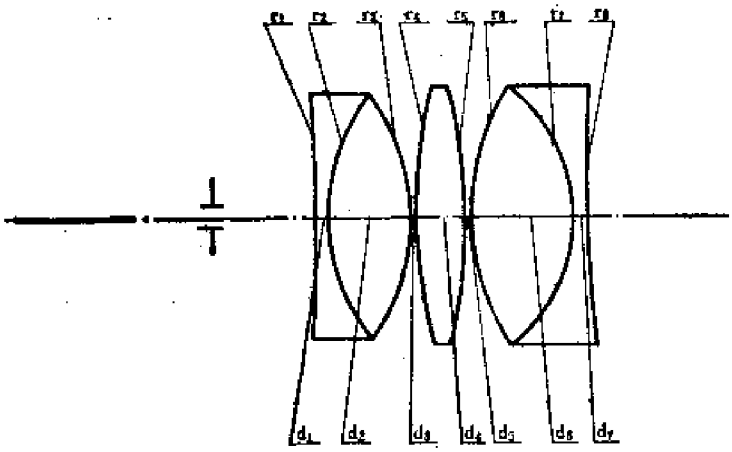




编号：08-01-011

目　镜

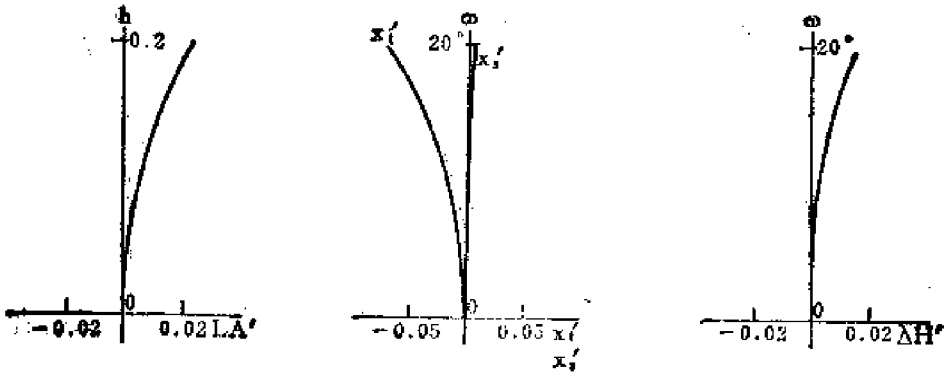
E.F.L＝1英寸　　B.F.L＝0.47　　$\phi_{出}/2=0.2^{**}$　　F.A.＝±20°**



序号	r	d	n	v
1	－34.013	0.067	1.6202	36.2
2	1.243	0.466	1.5399	59.4
3	－1.243	0.007		
4	2.831	0.306	1.5163	64.0
5	－2.831	0.007		
6	1.472	0.600	1.5399	59.4
7	－1.085	0.067	1.6202	36.2
8	7.347			

	ΣS_1	ΣS_2	ΣS_3	ΣS_4	ΣS_5	HI	QP(1ω)
	0.0018	－0.0001	－0.0027	0.0034	0.0072	0.37	4.2%

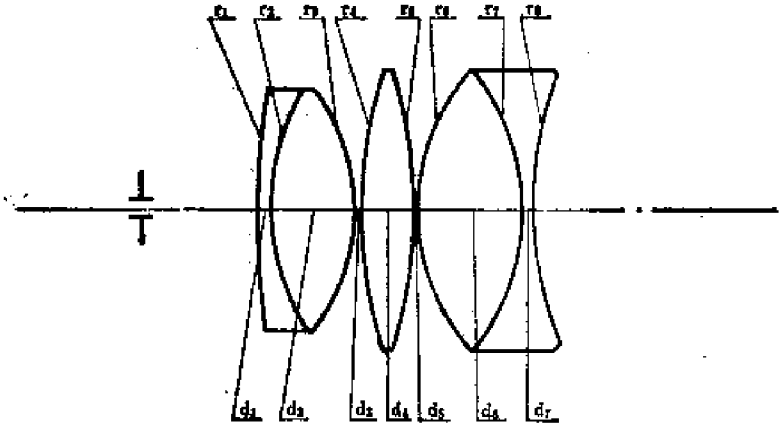
h或ω%	L_p	$1/r'$	LA′	OSC′	x_t'	x_s'	$x_t'-x_s'$	K_{T_1}'	$K_{T_{0.7}}'$	ΔH′
100	－0.60	－26.5	0.024	－0.0008	－0.071	0.006	－0.077	－0.0025	－0.0011	0.015
70			0.012	－0.0004	－0.031	0.003	－0.034	－0.0011	－0.0005	0.005



编号：08-01-012

目　镜

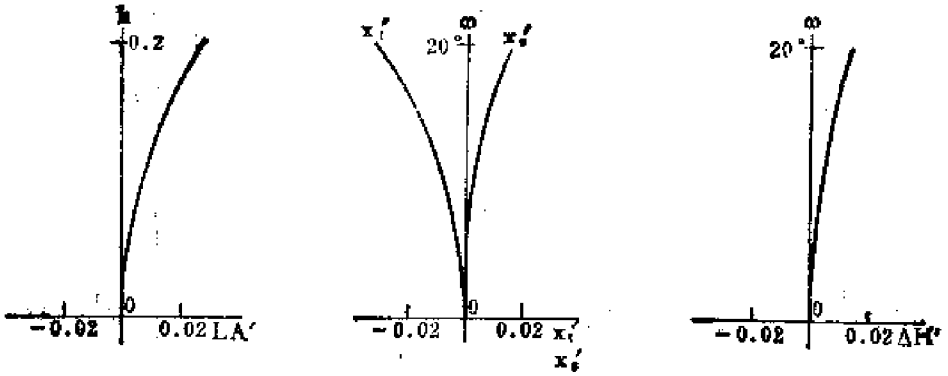
E.F.L＝1英寸　　B.F.L＝0.365　　$\phi_{出}/2=0.2^{**}$　　F.A.＝±20°**



序号	r	d	n	v
1	6.873	0.067	1.6202	36.2
2	1.392	0.466	1.5163	64.0
3	−1.166	0.007		
4	2.831	0.306	1.5163	64.0
5	−2.831	0.007		
6	1.312	0.600	1.5163	64.0
7	−1.312	0.067	1.6202	36.2
8	2.231			

	ΣS_1	ΣS_2	ΣS_3	ΣS_4	ΣS_5	HI	QP(1ω)
	0.0021	0.0005	−0.0019	0.0032	0.0077	0.36	4.6%

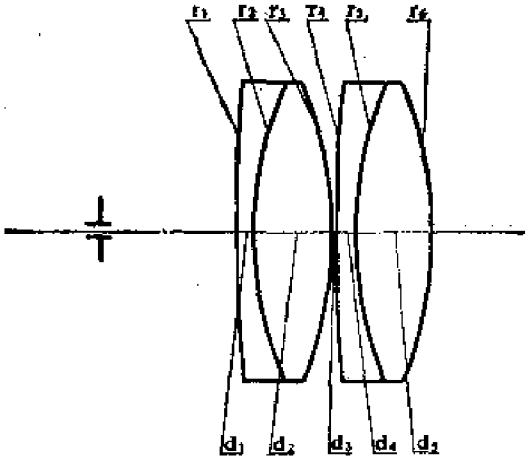
h 或 ω %	L_p	l_p	LA′	OSC′	x_t'	x_s'	$x_t'-x_s'$	K_{T1}'	$K_{T0.7}'$	ΔH′
100	−0.686	−15.5	0.027	0.0038	−0.037	0.014	−0.051	0.0038	0.0018	0.016
70			0.013	0.0018	−0.016	0.007	−0.023	0.0027	0.0013	0.006



编号：08-01-013

目　镜

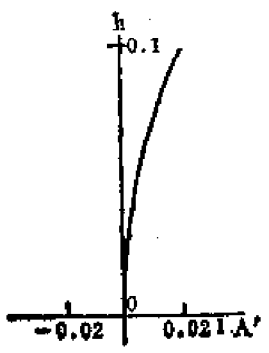
E.F.L＝1英寸　　B.F.L＝0.888　　$\phi_{出}/2=0.1^{**}$　　F.A.＝±20°**

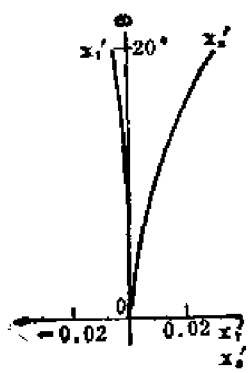


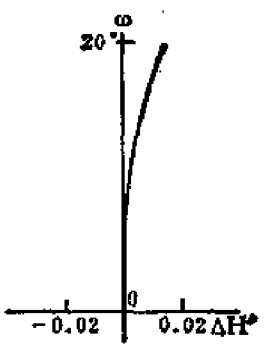
序号	r	d	n	v
I	25.510	0.0410	1.6202	36.2
2	0.936	0.1850	1.5399	59.4
3	－0.936	0.0019		
4	25.510	0.0410	1.6202	36.2
5	0.936	0.1850	1.5399	59.4
6	－0.936			

	ΣS_1	ΣS_2	ΣS_3	ΣS_4	ΣS_5	HI	QP(1ω)
	0.0004	0	－0.0003	0.0009	0.0032	0.36	4.1%

h或ω%	L_p	l_p'	LA′	OSC′	x_t'	x_s'	$x_t'-x_s'$	K_{T1}'	$K_{T0.7}'$	ΔH′
100	－0.317	－1.2	0.021	0.0001	－0.005	0.027	－0.032	0.00007	0.00005	0.015
70			0.011	0.00007	－0.001	0.014	－0.015	0.00006	0.00004	0.005



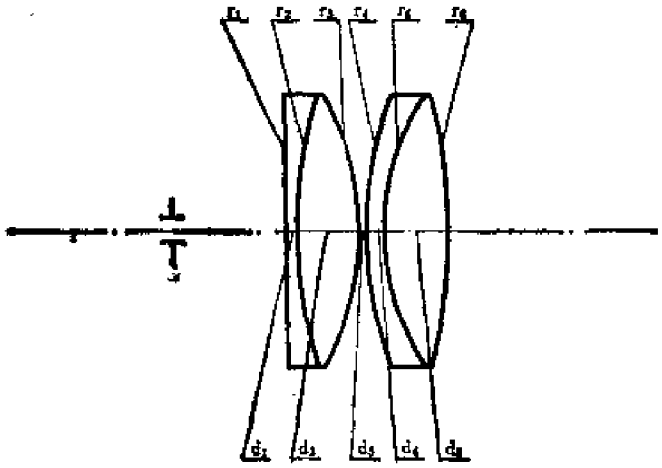




编号：08-01-014

目　镜

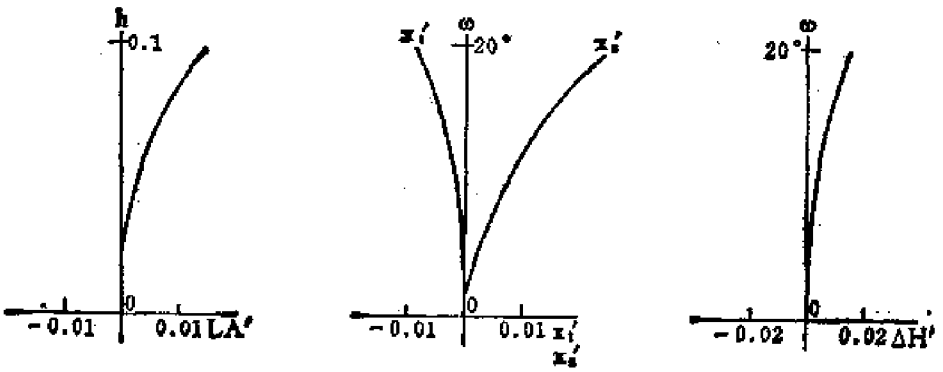
E.F.L＝1英寸　B.F.L＝0.891　$\phi_{出}/2=0.1^{**}$　F.A.＝±20°**



序号	r	d	n	v
1	－67.613	0.041	1.6489	33.8
2	1.484	0.186	1.5163	64.0
3	－0.844	0.002		
4	1.517	0.041	1.6489	33.8
5	0.742	0.184	1.5163	64.0
6	－2.047			

	ΣS_I	ΣS_{II}	ΣS_{III}	ΣS_{IV}	ΣS_V	HI	QP(1ω)
	0.00028	－0.00017	－0.00034	0.00095	0.00371	0.36	4.7%

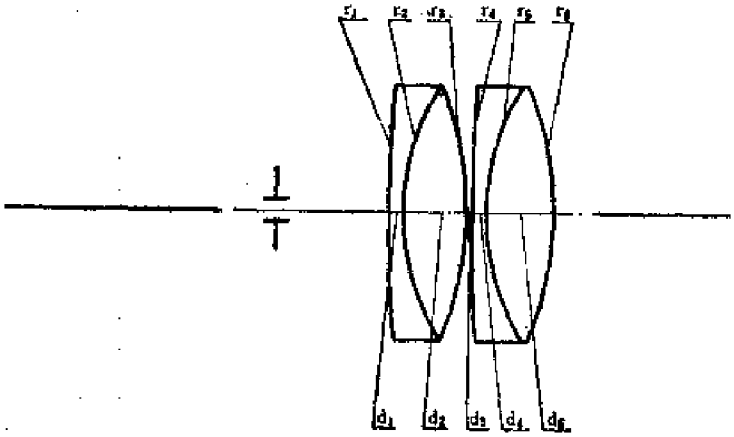
h或ω%	L_p	l'_p	LA′	OSC′	x'_t	x'_s	$x'_t-x'_s$	K'_{f1}	$K'_{f0.7}$	ΔH′
100	－0.317	－1.14	0.014	－0.002	－0.009	0.026	－0.035	－0.002	－0.001	0.017
70			0.007	－0.001	－0.003	0.013	－0.016	－0.0018	－0.0009	0.006



编号：08-01-015

目　镜

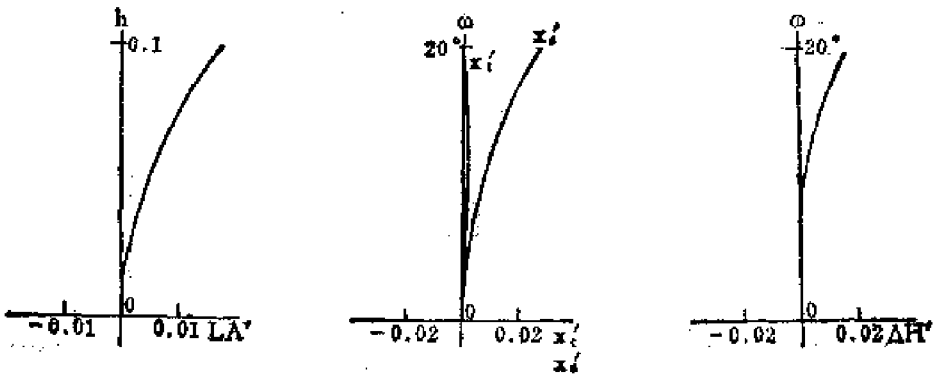
E.F.L＝1英寸　　B.F.L＝0.932　　$\phi_{出}/2=0.1^{**}$　　F.A.≈±20°**



序号	r	d	n	v
1	169.491	0.040	1.6031	36.9
2	0.729	0.185	1.5726	57.5
3	−1.029	0.002		
4	169.491	0.040	1.6031	36.9
5	0.729	0.185	1.5726	57.5
6	−1.029			

	ΣS_1	ΣS_2	ΣS_3	ΣS_4	ΣS_5	HH	QP(1ω)
	0.00037	−0.00002	−0.00027	0.00090	0.00346	0.36	4.3%

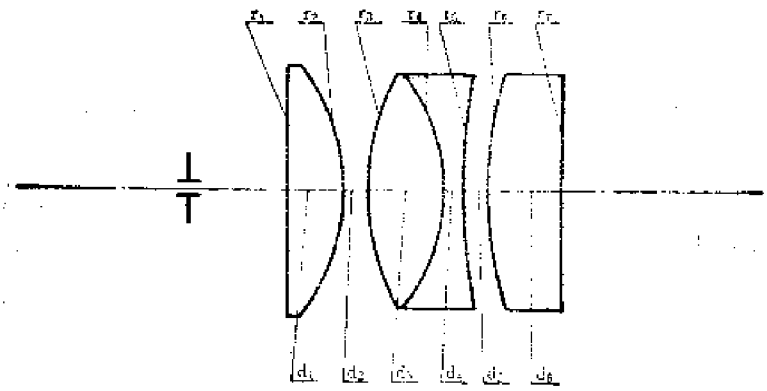
h或ω%	L_p	l_p'	LA′	OSC′	x_t'	x_s'	$x_t'-x_s'$	K_{T1}'	$K_{T0.7}'$	ΔH′
100	−0.317	−1.2	0.018	−0.0003	0	0.027	−0.027	−0.0004	−0.0002	0.016
70			0.009	−0.0001	0.001	0.014	−0.013	−0.0002	−0.0001	0.005



编号：08-01-016

目　　镜

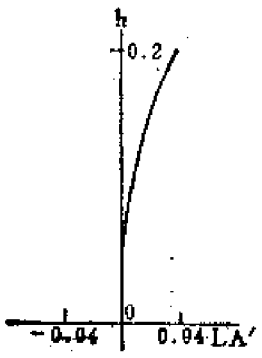
E.F.L＝1英寸　　B.F.L＝0.374　　$\phi_{出}/2$＝0.2**　　F.A.＝±20°**

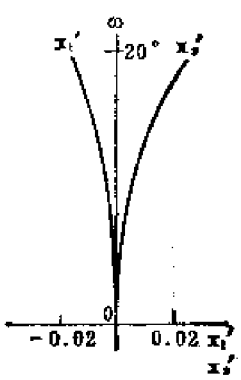


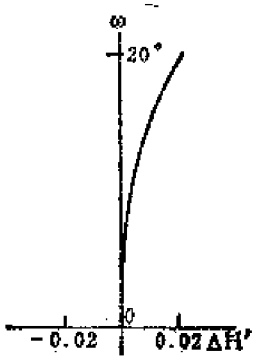
序号	r	d	n	ν**
1	∞	0.230	1.573	42.58
2	−0.885	0.100		
3	1.042	0.300	1.516	64.1
4	−0.798	0.090	1.648	33.8
5	2.824	0.100		
6	1.770	0.300	1.516	64.1
7	∞			

	ΣS_1	ΣS_2	ΣS_3	ΣS_4	ΣS_5	HI	QP(1ω)
	0.0028	−0.0017	−0.0015	0.0038	0.0041	0.36	5.6%

h或ω%	L_p	l'_p	LA′	OSC′	x'_t	x'_s	$x'_t-x'_s$	K'_{T1}	$K'_{T0.7}$	ΔH′
100	−0.40	−2.1	0.037	−0.008	−0.017	0.023	−0.040	−0.0100	−0.0047	0.021
70			0.018	−0.004	−0.006	0.012	−0.018	−0.0066	−0.0031	0.007



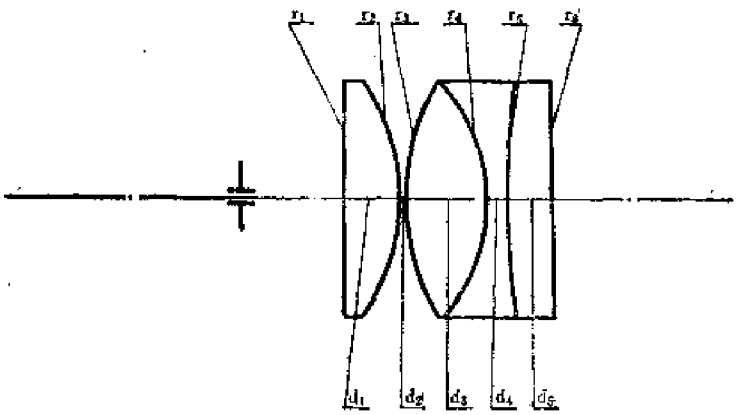




编号：08-01-017

目　镜

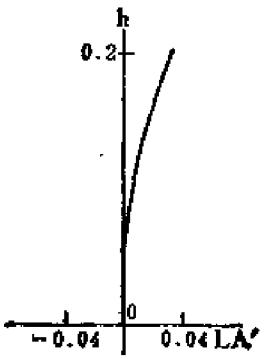
E.F.L＝0.98英寸　　B.F.L＝0.542　　$\phi_{出}/2$＝0.2**　　F.A.＝±20°**

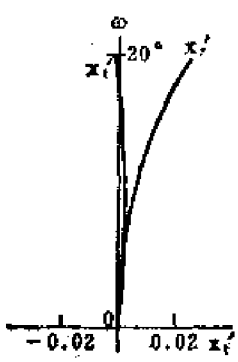


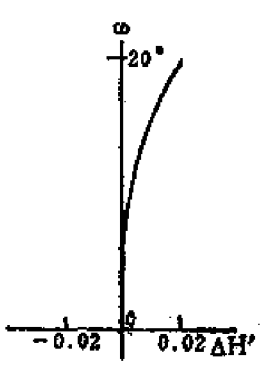
序号	r	d	n	ν**
1	∞	0.230	1.573	42.58
2	−0.890	0.010		
3	0.973	0.340	1.516	64.10
4	−0.720	0.090	1.648	33.80
5	5.203	0.160	1.516	64.10
6	∞			

	ΣS_1	ΣS_2	ΣS_3	ΣS_4	ΣS_5	HI	QP(1ω)
	0.0026	−0.0015	−0.0010	0.0036	0.0041	0.36	6.0%

h或ω%	L_p	l'_p	LA′	OSC′	x'_t	x'_s	$x'_t-x'_s$	K'_{T1}	$K'_{T0.7}$	ΔH′
100	−0.40	−1.47	0.034	−0.010	−0.001	0.025	−0.026	−0.014	−0.006	0.021
70			0.016	−0.005	0.001	0.013	−0.012	−0.009	−0.004	0.007



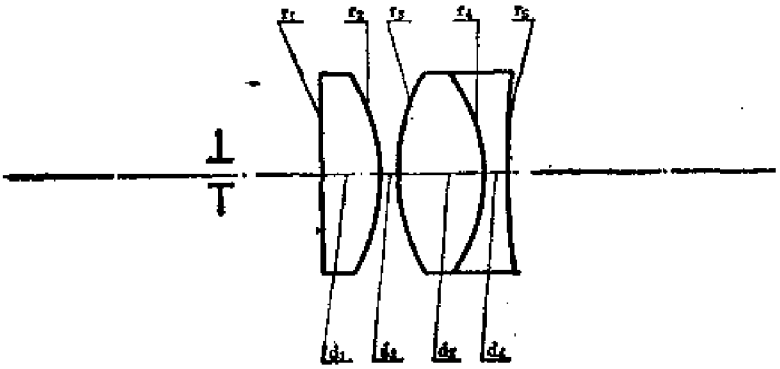




编号：08-01-018

目　　镜

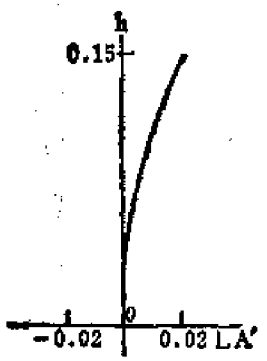
E.F.L＝1英寸　　B.F.L＝0.622　　$\phi_{出}/2=0.15$**　　F.A.＝±20°**

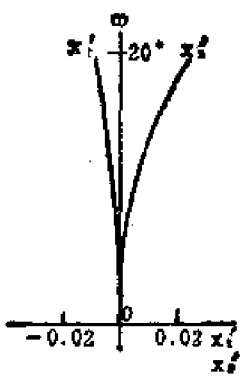


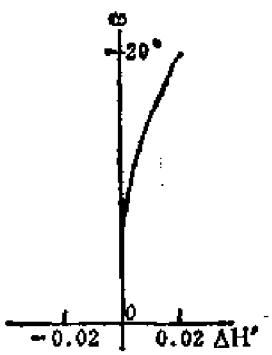
序号	r	d	n	v**
1	∞	0.230	1.573	42.58
2	−0.880	0.100		
3	0.971	0.340	1.516	64.10
4	−0.718	0.090	1.648	33.80
5	16.529			

	ΣS_1	ΣS_2	ΣS_3	ΣS_4	ΣS_5	HI	QP(1ω)
	0.0009	−0.0006	−0.0007	0.0020	0.0029	0.36	5.9%

h或ω%	L_p	l'_p	LA′	OSC′	x'_t	x'_s	$x'_t-x'_s$	K'_{T1}	$K'_{T0\cdot7}$	ΔH′
100	−0.40	−1.5	0.022	−0.005	−0.012	0.023	−0.035	−0.0075	−0.0036	0.021
70			0.011	−0.002	−0.003	0.012	−0.015	−0.0048	−0.0023	0.007



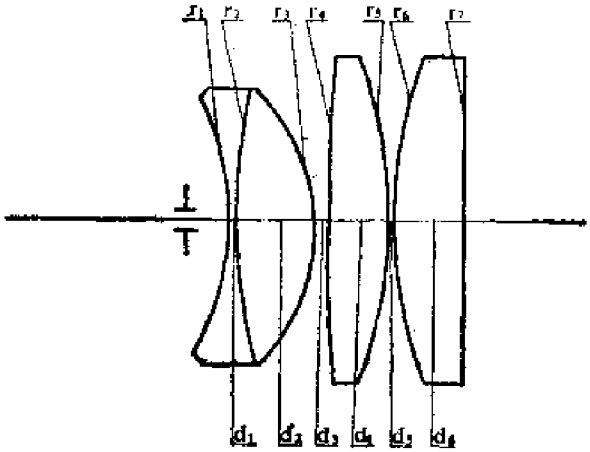




编号：08-01-019

目　镜

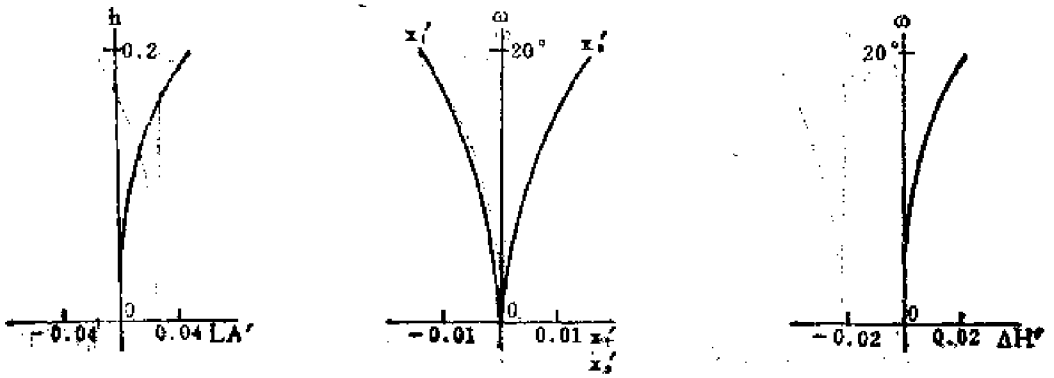
E.F.L＝1英寸　　B.F.L＝0.968　　$\phi_{出}/2=0.2$ **　　F.A.＝±20° **



序号	r	d	n	v
1	−1.035	0.025	1.6477	33.9
2	2.219	0.310	1.4881	70.6
3	−0.733	0.005		
4	5.900	0.210	1.6073	59.5
5	−1.800	0.010		
6	1.590	0.250	1.6073	59.5
7	∞			

	ΣS_1	ΣS_2	ΣS_3	ΣS_4	ΣS_5	HI	QP(1ω)
	0.0035	−0.0020	−0.0014	0.0029	0.0094	0.86	5.9%

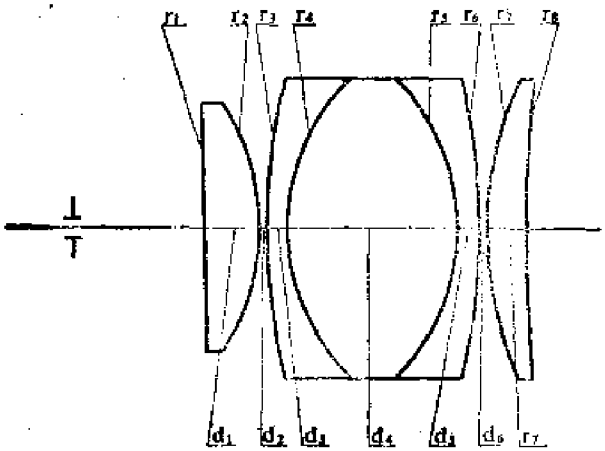
h或ω%	l_{cp}	l_F'	LA′	OSC′	x_t'	x_s'	$x_t'-x_s'$	K_{T1}'	$K_{f0.7}'$	ΔH′
100	−0.15	−1.3	0.046	−0.014	−0.016	0.015	−0.031	−0.016	−0.007	0.021
70			0.022	−0.007	−0.007	0.008	−0.015	−0.011	−0.005	0.007



编号：08-01-020

目　镜

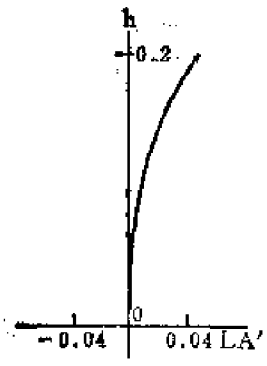
E.F.L＝1英寸　　B.F.L＝0.423　　$\phi_{出}/2=0.2^{**}$　　F.A.＝±20°**

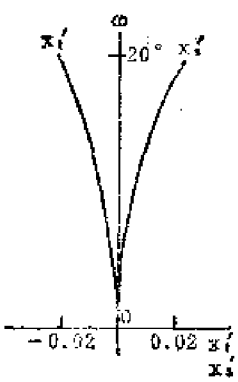


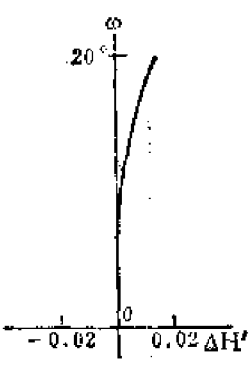
序号	r	d	n	v
1	∞	0.2540	1.6139	56.4
2	−0.999	0.0063		
3	3.301	0.0952	1.6733	32.0
4	0.952	0.7619	1.6139	56.4
5	−0.952	0.0952	1.6733	32.0
6	−3.301	0.0063		
7	1.651	0.1905	1.6139	56.4
8	7.008			

	ΣS_1	ΣS_2	ΣS_3	ΣS_4	ΣS_5	HI	QP(1ω)
	0.0032	0.0009	−0.0020	0.0040	0.0011	0.36	4.1%

h或ω%	L_p	l_p'	LA′	OSC′	x_t'	x_s'	$x_t'-x_s'$	K_{F1}'	$K_{F0.7}'$	ΔH′
100	−0.59	−254	0.041	0.0069	−0.023	0.023	−0.046	0.0081	0.0039	0.015
70			0.020	0.0033	−0.012	0.011	−0.023	0.0054	0.0026	0.005



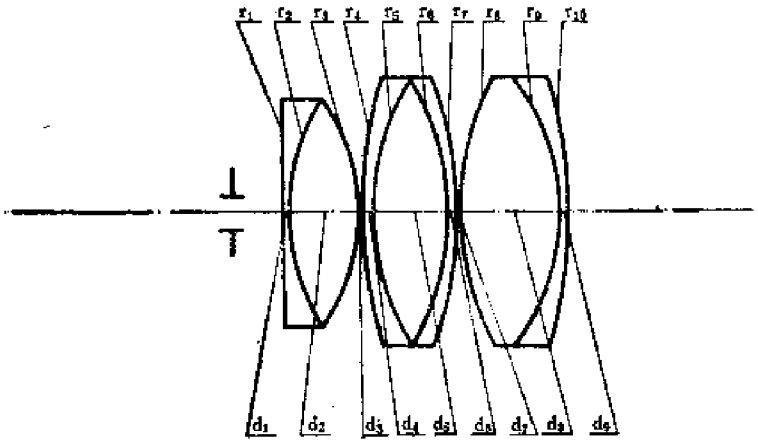




编号：08-01-021

目　　镜

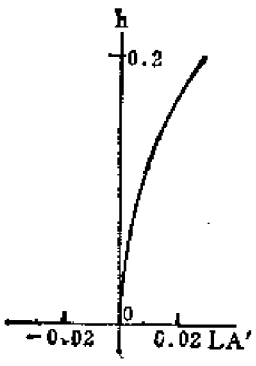
E.F.L＝1英寸　　B.F.L＝0.506　　$\phi_{出}/2=0.2^{**}$　　F.A.＝±10°**

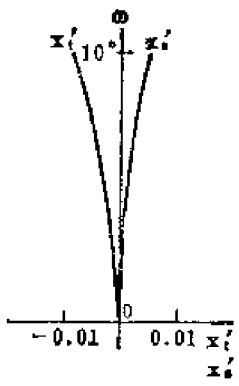


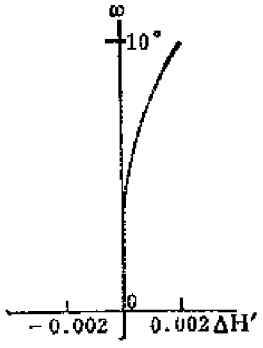
序号	r	d	n	v
1	∞	0.0317	1.6489	33.8
2	1.333	0.3937	1.5162	64.0
3	−1.155	0.0063		
4	3.175	0.0317	1.6489	33.8
5	1.587	0.4127	1.5162	64.0
6	−1.587	0.0317	1.6489	33.8
7	−2.095	0.0063		
8	1.714	0.5521	1.5162	64.0
9	−1.333	0.0317	1.6489	33.8
10	−2.869			

	ΣS_1	ΣS_2	ΣS_3	ΣS_4	ΣS_5	HI	QP(1ω)
	0.00226	0.00005	−0.00057	0.00099	0.00021	0.17	1.2%

h或ω%	L_p	l_p'	LA′	OSC′	x_t'	x_s'	$x_t'-x_s'$	K_{f1}'	$K_{f9\cdot7}'$	ΔH′
100	−0.48	34.6	0.028	0.0009	−0.009	0.005	−0.014	0.0003	0.0001	0.0021
70			0.014	0.0004	−0.004	0.002	−0.006	0.0002	0.0001	0.0007



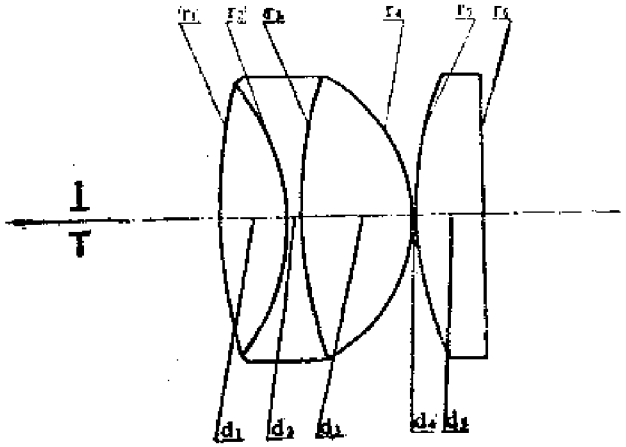




编号：08-01-022

目　　镜

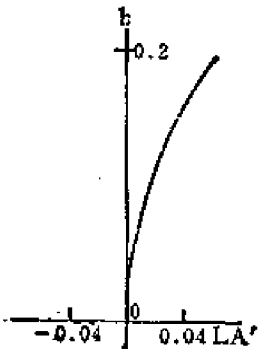
E.F.L＝1英寸　　B.F.L＝0.739　　$\phi_{出}/2=0.2$ **　　F.A.＝±20° **

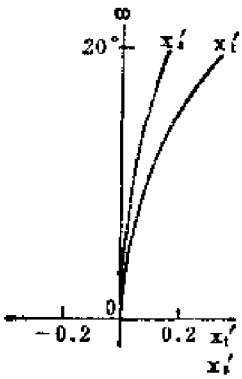


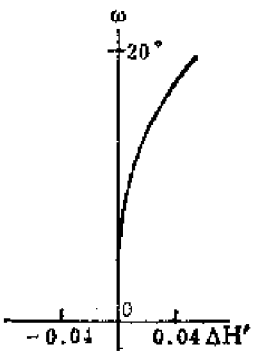
序号	r	d	n	v
1	2.198	0.300	1.5163	64.0
2	−1.000	0.065	1.6477	33.9
3	2.000	0.500	1.5163	64.0
4	−0.715	0.015		
5	1.625	0.300	1.5163	64.0
6	∞			

	ΣS_1	ΣS_2	ΣS_3	ΣS_4	ΣS_5	HI	QP(1ω)
	0.0048	0.0063	0.0077	0.0039	0.0211	0.36	14.8%

h或ω%	L_p	l'_p	LA′	OSC′	x'_t	x'_s	$x'_t-x'_s$	K'_{T1}	$K'_{T0.7}$	ΔH′
100	−0.66	5.11	0.063	0.046	0.355	0.147	0.208	0.161	0.055	0.05
70			0.031	0.022	0.165	0.070	0.095	0.059	0.025	0.02



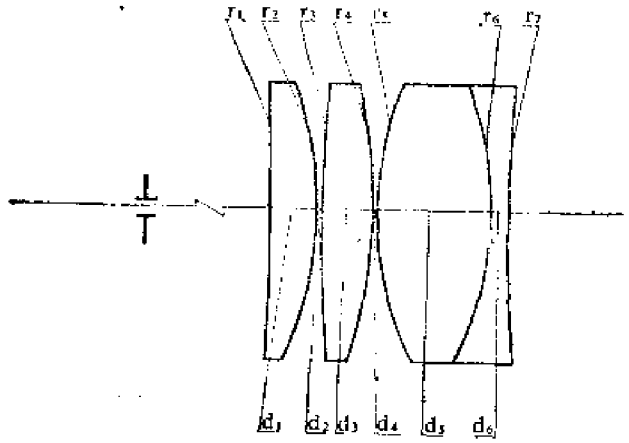




编号：08-01-023

目　　镜

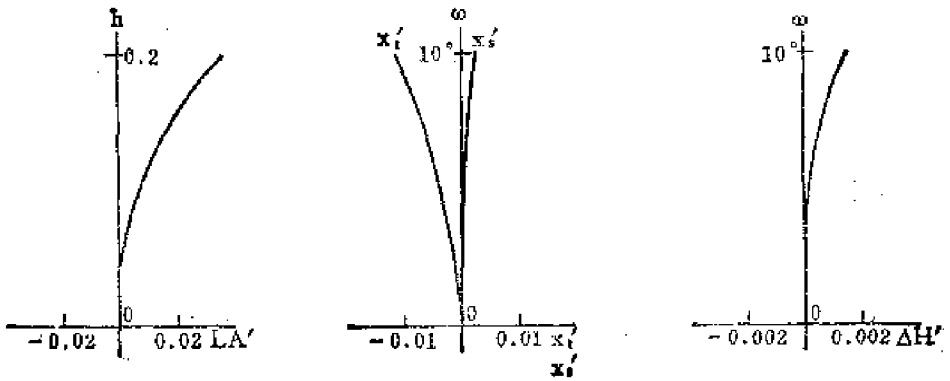
E.F.L＝1英寸　　**B.F.L＝0.550**　　$\phi_{ih}/2=0.2$ **　　**F.A.＝±10°** **



序号	r	d	n	v
1	−10.053	0.167	1.5163	64.0
2	−3.120	0.014		
3	4.370	0.167	1.5163	64.0
4	−1.909	0.014		
5	1.200	0.433	1.5163	64.0
6	−1.200	0.067	1.7174	29.5
7	4.719			

	ΣS_1	ΣS_2	ΣS_3	ΣS_4	ΣS_5	HI	OP(1ω)
	0.00250	0.00035	−0.00039	0.00081	0.00048	0.17	0.9%

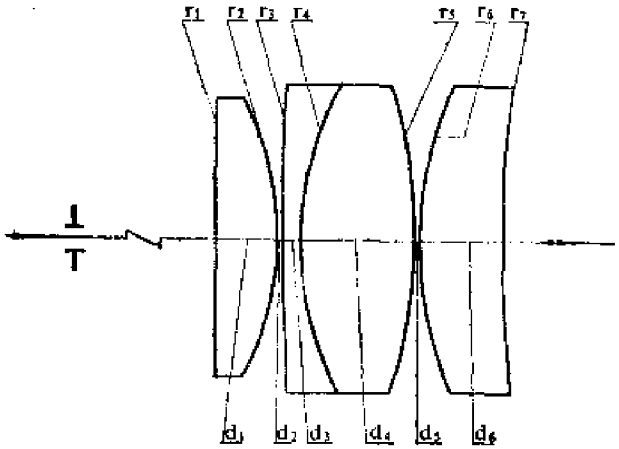
h 或 ω %	L_p	l_p'	LA′	OSC′	x_t'	x_s'	$x_t'-x_s'$	K_{f1}	$K_{f0.7}$	ΔH′
100	−0.92	−615	0.032	0.0043	−0.012	0.002	−0.014	0.0022	0.0010	0.0015
70			0.016	0.0019	−0.006	0.001	−0.007	0.0015	0.0007	0.0005



编号：08-01-024

目　镜

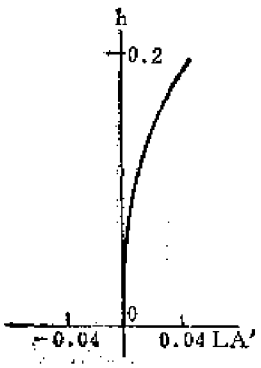
E.F.L＝1.1英寸　　B.F.L＝0.751　　$\phi_{出}/2=0.2^{**}$　　F.A.＝±20°**

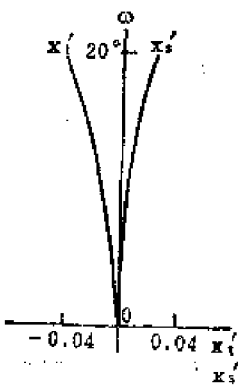


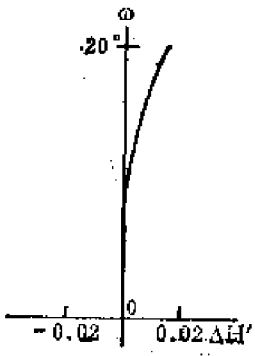
序号	r	d	n	v
1	∞	0.230	1.5163	64.0
2	−1.010	0.006		
3	14.493	0.067	1.7174	29.5
4	1.140	0.400	1.5163	64.0
5	−1.850	0.006		
6	1.400	0.300	1.5163	64.0
7	7.402			

	ΣS_1	ΣS_2	ΣS_3	ΣS_4	ΣS_5	HI	QP(1ω)
	0.0028	0.0007	−0.0020	0.0036	0.0016	0.40	1%

h 或 ω%	L_p	l_F'	LA′	OSC′	x_t'	x_s'	$x_t'-x_s'$	K_{T1}'	$K_{T0.7}'$	ΔH′
100	−0.67	−11.0	0.044	0.003	−0.041	0.021	−0.062	0.0065	0.0031	0.016
70			0.022	0.002	−0.019	0.011	−0.030	0.0045	0.0021	0.005



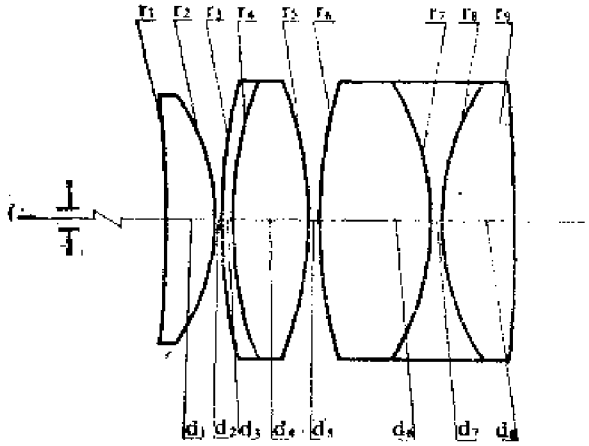




编号：08-01-025

目　镜

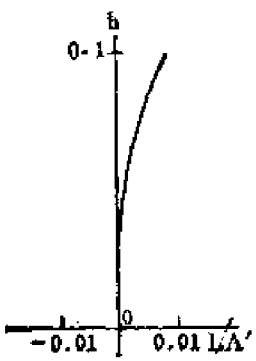
E.F.L＝1英寸　　B.F.L＝0.23　　$\phi_{出}/2=0.1^{**}$　　F.A.＝±10°**

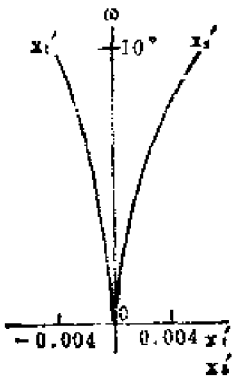


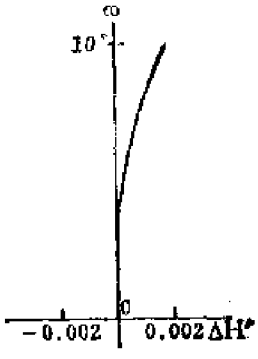
序号	r	d	n	v
1	－4.599	0.223	1.5163	64.0
2	－0.930	0.006		
3	3.261	0.063	1.7174	29.5
4	1.740	0.363	1.5163	64.0
5	－2.000	0.006		
6	1.510	0.329	1.5163	64.0
7	－1.215	0.063	1.6477	33.9
8	1.215	0.219	1.5163	64.0
9	－3.669			

	ΣS_1	ΣS_2	ΣS_3	ΣS_4	ΣS_5	HI	QP(1ω)
	0.00019	0.00007	－0.00011	0.00024	0.00038	0.17	1%

h或ω%	L_p	l_p'	LA′	OSC′	x_t'	x_s'	$x_t'-x_s'$	K_{F1}'	$K_{F1.7}'$	ΔH′
100	－0.69	152.1	0.009	0.002	－0.004	0.006	－0.010	0.0010	0.0005	0.0018
70			0.005	0.001	－0.002	0.003	－0.005	0.0007	0.0003	0.0006



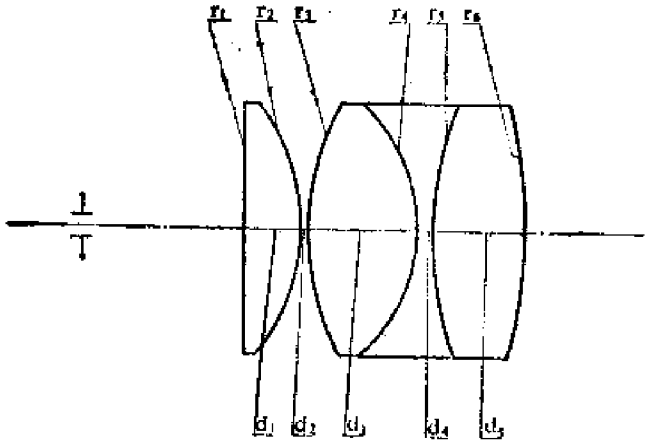




编号：08-01-026

目　　镜

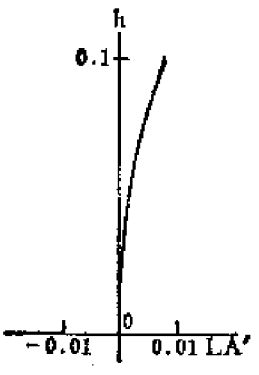
E.F.L＝1英寸　　B.F.L＝0.273　　$\phi_{出}/2$＝0.1 **　　F.A.＝±20° **

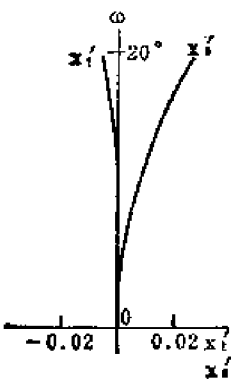


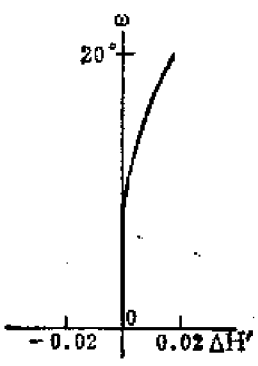
序号	r	d	n	v
1	∞	0.285	1.7015	41.1
2	−1.039	0.008		
3	1.280	0.570	1.5687	63.1
4	−0.876	0.082	1.7283	28.3
5	1.930	0.450	1.5687	63.1
6	−3.149			

	ΣS_1	ΣS_2	ΣS_3	ΣS_4	ΣS_5	HI	QP(1ω)
	0.00016	0.00014	−0.00028	0.00092	0.00108	0.36	4.9%

h 或 ω %	L_p	l'_p	LA′	OSC′	x'_t	x'_s	$x'_t - x'_s$	K_{f_1}	$K_{f_{0.7}}$	ΔH′
100	−0.82	45.4	0.008	0.0020	−0.008	0.027	−0.035	0.0017	0.0008	0.018
70			0.004	0.0009	−0.001	0.014	−0.015	0.0014	0.0007	0.006



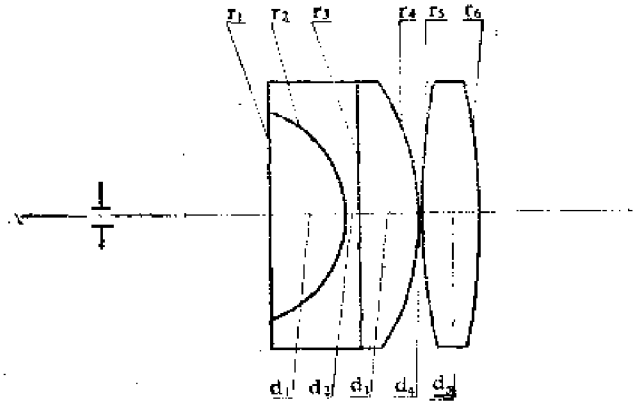




编号：08-01-027

目　镜

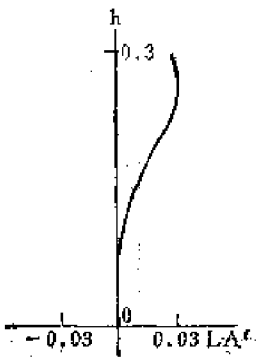
E.F.L＝1英寸　　B.F.L＝0.949　　$\phi_{出}/2$＝0.3 **　　F.A.＝±20° **

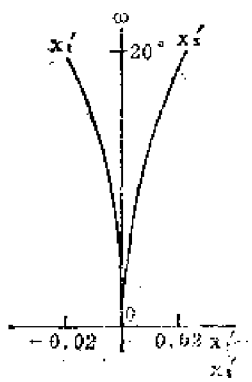


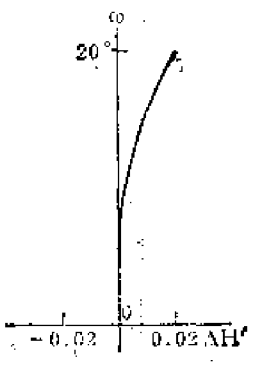
序号	r	d	n	v
1	∞	0.286	1.6053	43.6
2	−0.415	0.052	1.7200	29.3
3	∞	0.208	1.6170	55.0
4	−0.916	0.002		
5	2.144	0.208	1.6170	55.0
6	−2.144			

	ΣS_1	ΣS_2	ΣS_3	ΣS_4	ΣS_5	HI	QP(1ω)
	0.0112	0.0015	−0.0031	0.0080	0.0049	0.36	3.3%

h或ω%	L_p	l'_p	LA′	OSC′	x'_t	x'_s	$x'_t-x'_s$	K_{f_t}	$K_{f_{0.7}}$	ΔH′
100	−0.604	1484	0.030	−0.011	−0.02	0.023	−0.043	0.169	−0.045	0.019
70			0.026	0.0004	−0.006	0.012	−0.018	0.117	−0.010	0.007



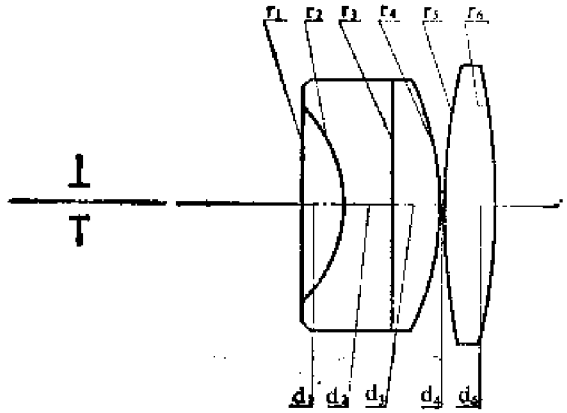




编号：08-01-028

目　镜

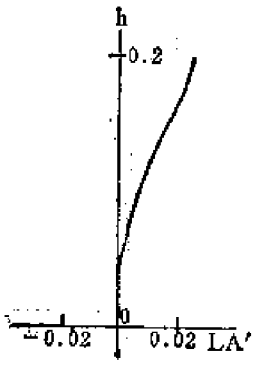
E.F.L＝1英寸　　B.F.L＝0.982　　$\phi_{出}/2=0.2^{**}$　　F.A.＝±20°**

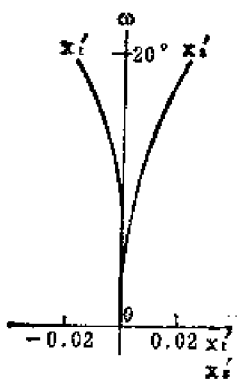


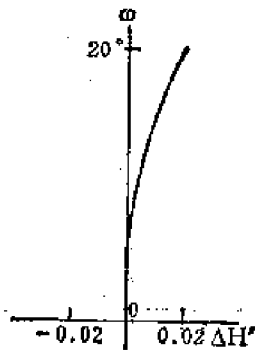
序号	r	d	n	v
1	∞	0.115	1.6053	43.6
2	−0.421	0.134	1.7200	29.3
3	∞	0.134	1.6170	55.0
4	−0.929	0.002		
5	2.158	0.138	1.6170	55.0
6	−2.158			

	ΣS_1	ΣS_2	ΣS_3	ΣS_4	ΣS_5	HI	QP(1ω)
	0.0023	0.0005	−0.0013	0.0035	0.0031	0.36	5.3%

h或ω%	L_p	$'_p$	LA′	OSC′	x'_t	x'_s	$x'_t-x'_s$	K'_{T1}	$K'_{T0.7}$	ΔH′
100	−0.708	−4183	0.025	0.001	−0.017	0.023	−0.040	−0.028	−0.005	0.019
70			0.014	0.001	−0.005	0.012	−0.017	−0.006	−0.001	0.007



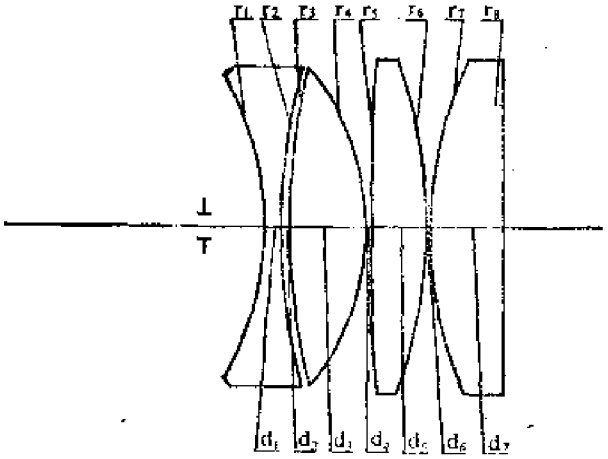




编号：08-01-029

目　镜

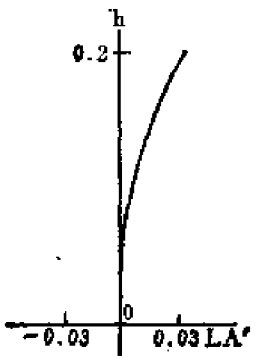
E.F.L＝1英寸　　B.F.L＝0.962　　$\phi_{出}/2=0.2^{**}$　　F.A.＝±30°**

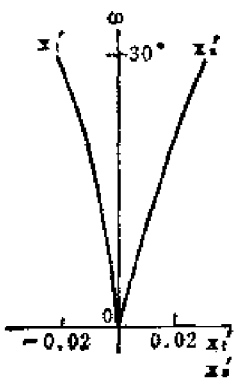


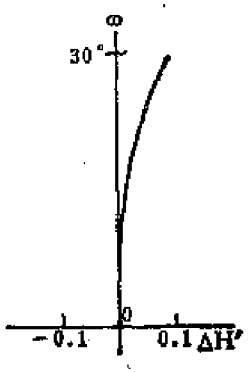
序号	r	d	n	v
1	−1.115	0.0540	1.700	30.2
2	2.380	0.0079		
3	2.568	0.2779	1.620	60.2
4	−0.944	0.0079		
5	5.977	0.2084	1.620	60.2
6	−1.821	0.0079		
7	1.611	0.2481	1.620	60.2
8	∞			

	ΣS_1	ΣS_2	ΣS_3	ΣS_4	ΣS_5	HI	QP(1ω)
	0.0027	−0.0027	−0.0027	0.0069	0.0385	0.57	13%

h 或 ω %	l_p	l'_p	LA′	OSC′	x'_t	x'_s	$x'_t-x'_s$	K'_{T1}	$K'_{T0.7}$	ΔH′
100	−0.2	−1.5	0.034	−0.012	−0.02	0.03	−0.05	−0.011	−0.007	0.08
70			0.017	−0.006	−0.01	0.02	−0.03	−0.013	−0.006	0.03



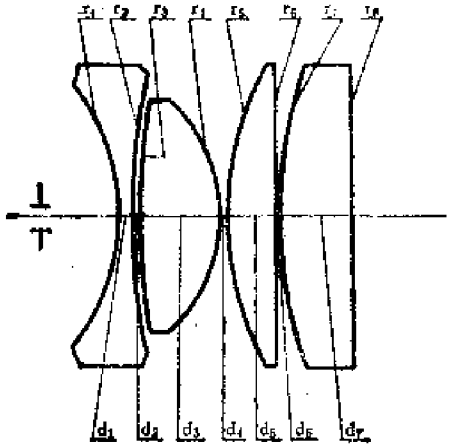




编号：08-01-030

目　　镜

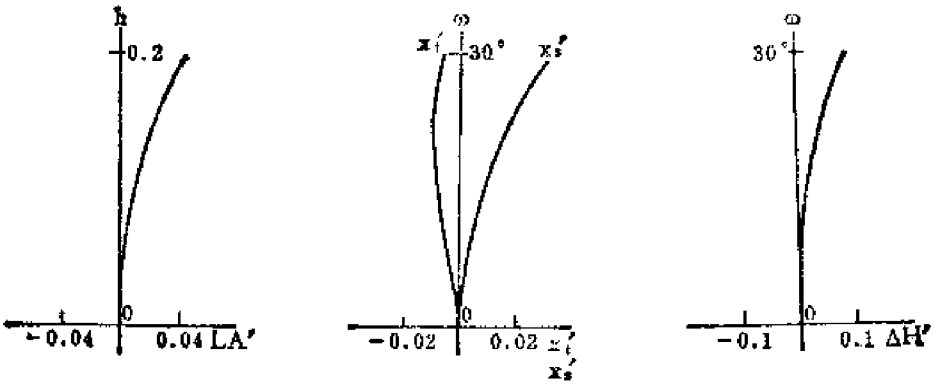
E.F.L＝1英寸　　B.F.L＝0.865　　$\phi_{出}/Z=0.2$**　　F.A.＝±30°**



序号	r	d	n	v
1	−1.069	0.055	1.700	30.2
2	3.424	0.018		
3	5.000	0.360	1.620	60.2
4	−0.806	0.005		
5	1.538	0.250	1.620	60.2
6	∞	0.005		
7	2.150	0.350	1.620	60.2
8	∞			

	ΣS_1	ΣS_2	ΣS_3	ΣS_4	ΣS_5	HI	QP(1ω)
	0.00327	−0.00007	−0.00296	0.00628	0.04000	0.57	14%

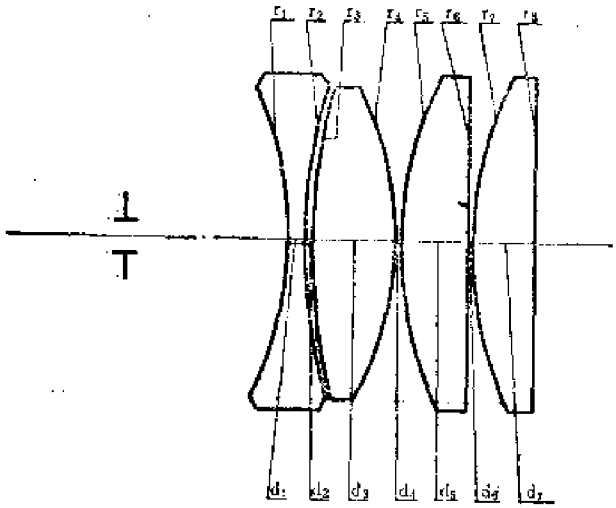
h 或 ω %	L_p	l_F'	LA′	OSC′	x_t'	x_s'	$x_t'-x_s'$	K_{T1}	$K_{f0.7}$	ΔH′
100	−0.35	−4.1	0.042	−0.0005	−0.006	0.029	−0.035	0.00016	0.00029	0.08
70			0.021	−0.0002	−0.010	0.015	−0.025	−0.0012	−0.0003	0.03



编号：08-01-031

目　镜

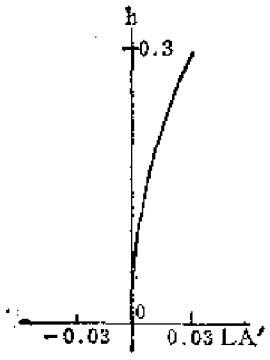
E.F.L＝1英寸　　B.F.L＝0.916　　$\phi_m/2=0.6^{**}$　　F.A.＝±20°**

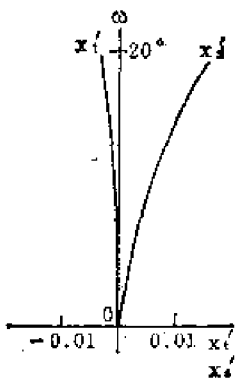


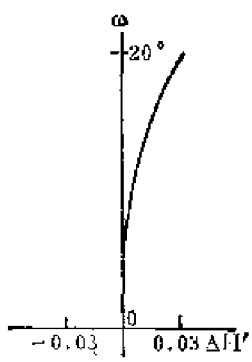
序号	r	d	n	v
1	-1.469	0.058	1.801	25.2
2	2.247	0.010		
3	3.125	0.302	1.749	54.5
4	-1.149	0.010		
5	1.428	0.230	1.620	60.3
6	∞	0.010		
7	1.522	0.230	1.620	60.3
8	∞			

	ΣS_1	ΣS_2	ΣS_3	ΣS_4	ΣS_5	HI	QP(1ω)
	0.0061	-0.0023	-0.0025	0.0062	0.0196	0.36	8.3%

h 或 ω %	L_p	L'_p	LA′	OSC′	$x't$	$x's$	$x't-x's$	K'_{T_1}	$K'_{T_{0-7}}$	ΔH′
100	-0.6	-37.1	0.032	-0.013	-0.003	0.017	-0.020	0.166	-0.008	0.030
70			0.016	-0.006	-0.002	0.009	-0.011	-0.012	-0.004	0.010



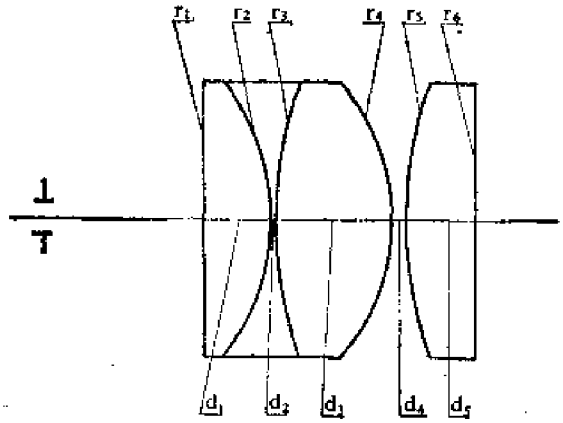




编号：08-01-032

目　镜

E.F.L＝1英寸　　**B.F.L＝0.75**　　**$\phi_{出}/2=0.2$ ****　　**F.A.＝±30° ****

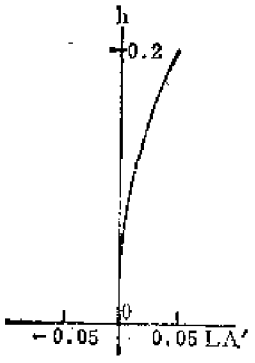


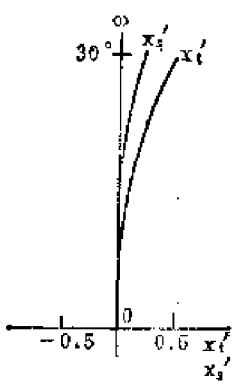
序号	r	d	n	v
1	∞	0.304	1.6910	54.8
2	－1.013	0.015	1.6477	33.8
3	2.029	0.507	1.6510	58.6
4	－0.986†	0.066		
5	1.788	0.304	1.5602	60.9
6	∞			

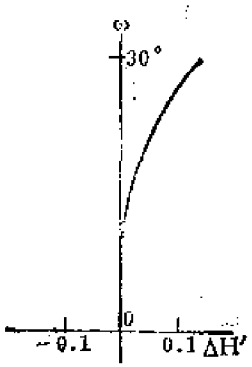
† 可以是抛物面曲线，此处按球面计算。

	ΣS_1	ΣS_2	ΣS_3	ΣS_4	ΣS_5	HI	QP(1ω)
	0.0038	0.0065	0.0087	0.0082	0.0322	0.58	22%

h 或 ω %	L_p	l'_p	LA′	OSC′	x'_t	x'_s	$x'_t-x'_s$	K_{T1}	$K_{T0.7}$	ΔH′
100	－0.75	4.8	0.050	0.029	0.528	0.222	0.306	0.164	0.062	0.13
70			0.024	0.014	0.215	0.098	0.117	0.054	0.024	0.04



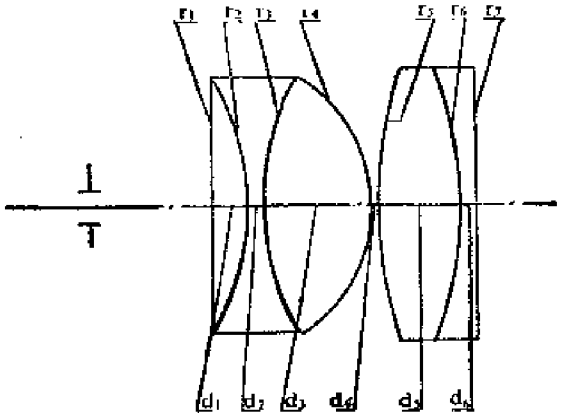




编号：08-01-033

目　　镜

E.F.L＝1英寸　　**B.F.L＝0.621**　　$\phi_{出}/2=0.2$ **　　**F.A.＝±20° ****

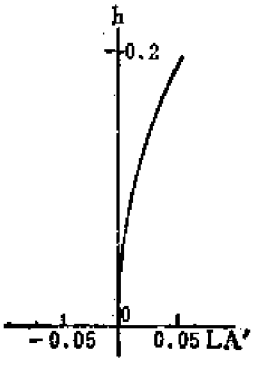


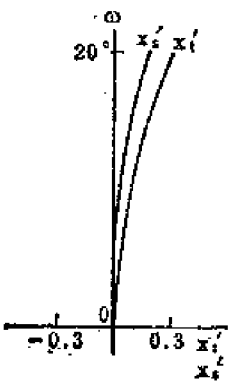
序号	r	d	n	v
1	∞	0.213	1.627	54.5
2	−1.581	0.091	1.627	35.4
3	1.581	0.669	1.651	58.6
4	−0.902†	0.006		
5	2.406	0.517	1.651	58.6
6	−2.406	0.091	1.651	58.7
7	∞			

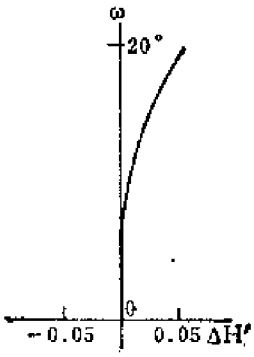
† 可以是抛物面曲线，在此按球面计算。

	ΣS_1	ΣS_2	ΣS_3	ΣS_4	ΣS_5	HJ	QP(1ω)
	0.0044	0.0062	0.0079	0.0032	0.0156	0.36	15%

h或ω%	L_p	l'_p	LA′	OSC′	x'_t	x'_s	$x'_t-x'_s$	Kf_t	$Kf_{0.7}$	ΔH′
100	−0.75	3.55	0.057	0.045	0.355	0.143	0.212	0.110	0.045	0.05
70			0.028	0.022	0.165	0.067	0.098	0.050	0.022	0.02



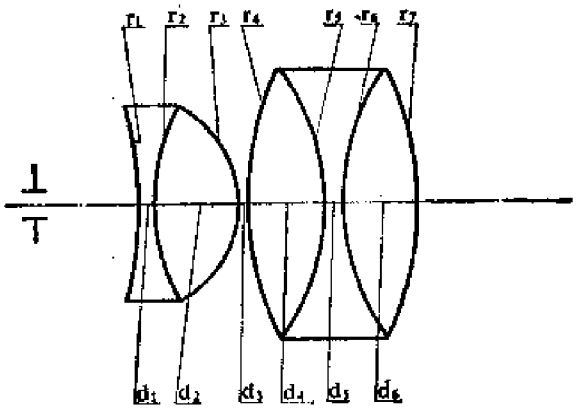




编号：08-01-034

目　　镜

E.F.L＝1英寸　　B.F.L＝0.351　　$\phi_{出}/2=0.2$ **　　F.A.＝±30° **

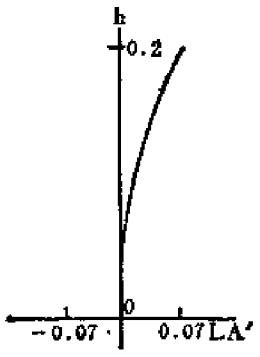


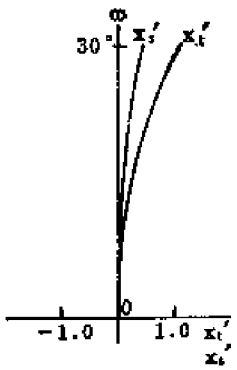
序号	r	d	n	v
1	－3.498	0.113	1.5684	42.6
2	1.624	0.622	1.6404	57.6
3	－0.804†	0.006		
4	2.077	0.538	1.5883	60.2
5	－1.726	0.112	1.7275	28.5
6	1.726	0.509	1.5883	60.2
7	－2.382			

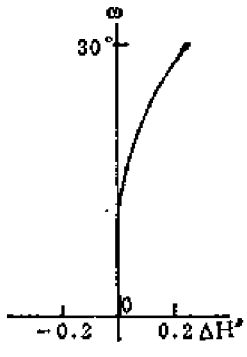
† 可以是抛物面曲线，在此按球面计算。

	ΣS_1	ΣS_2	ΣS_3	ΣS_4	ΣS_5	HI	QP(1ω)
	0.0056	0.0119	0.0220	0.0089	0.0844	0.57	41%

h或ω%	L_p	l'_p	LA′	OSC′	x'_t	x'_s	$x'_t-x'_s$	K'_{f1}	$K'_{f0.7}$	ΔH′
100	－0.75	3.22	0.073	0.054	1.004	0.415	0.589	－1.149	－1.156	0.23
70			0.036	0.026	0.436	0.177	0.259	0.162	0.060	0.06



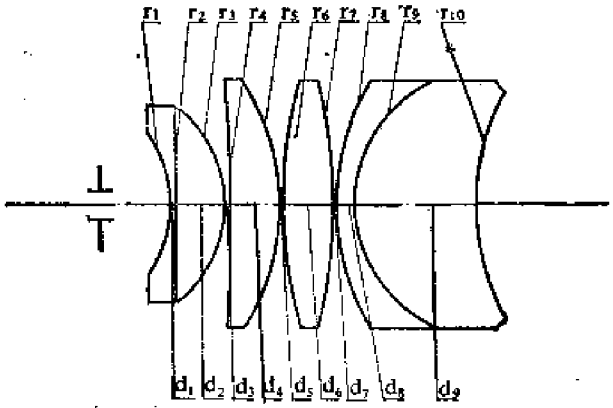




编号：08-01-035

目　镜

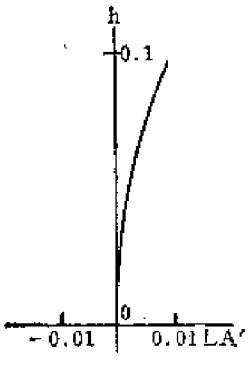
E.F.L＝1英寸　　B.F.L＝0.290　　$\phi_{出}/2=0.1$ **　　F.A.＝±10° **

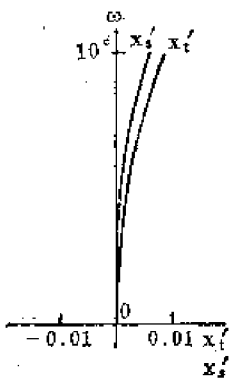


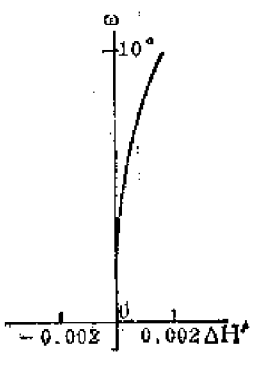
序号	r	d	n	v
1	－1.015	0.043	1.6989	30.1
2	∞	0.357	1.6138	56.3
3	－0.914	0.006		
4	－21.881	0.314	1.6138	56.3
5	－1.740	0.006		
6	3.730	0.343	1.6138	56.3
7	－4.490	0.006		
8	1.800	0.143	1.6433	47.8
9	0.980	0.886	1.5750	41.3
10	1.707			

	ΣS_1	ΣS_2	ΣS_3	ΣS_4	ΣS_5	HI	QP(1ω)
	0.00019	0.00017	0.00002	0.00011	0.00037	0.17	3%

h 或 ω %	L_p	l'_p	LA′	OSC′	x'_t	x'_s	$x'_t-x'_s$	K'_{T1}	$K'_{T0.7}$	ΔH′
100	－0.85	3.68	0.009	0.004	0.009	0.007	0.002	0.0025	0.0012	0.0018
70			0.004	0.002	0.004	0.003	0.001	0.0017	0.0008	0.0006



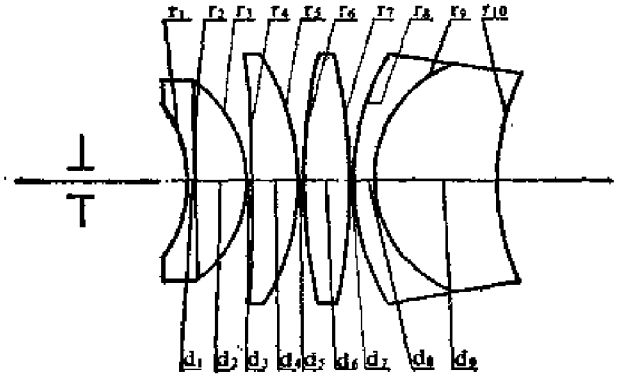




编号：08-01-036

目　镜

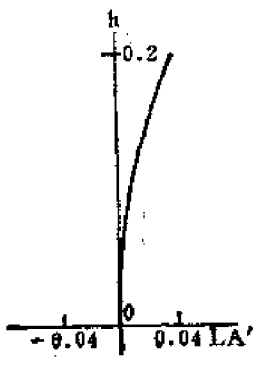
E.F.L＝1英寸　　**B.F.L＝0.294**　　$\phi_{出}/2=0.2$ **　　**F.A.＝±20° ****

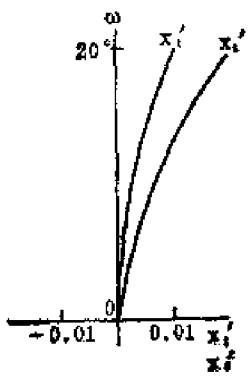


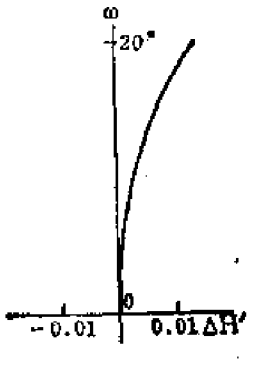
序号	r	d	n	v
1	−1.015	0.043	1.6989	30.1
2	∞	0.357	1.6138	56.3
3	−0.914	0.006		
4	−21.881	0.341	1.6138	56.3
5	−1.740	0.006		
6	3.730	0.343	1.6138	56.3
7	−4.490	0.006		
8	1.800	0.143	1.6433	47.8
9	0.886	0.886	1.5750	41.3
10	1.820			

	ΣS_1	ΣS_2	ΣS_3	ΣS_4	ΣS_5	HI	QP(1ω)
	0.0030	0.0023	−0.0004	0.0020	0.0061	0.36	3.8%

h 或 ω %	L_p	l_p'	LA′	OSC′	x_t'	x_s'	$x_t'-x_s'$	K_{T1}'	$K_{T0.7}'$	ΔH′
100	−0.76	8.9	0.038	0.016	0.010	−0.019	−0.009	0.0159	0.0078	0.014
70			0.019	0.008	0.005	−0.009	−0.004	0.0119	0.0058	0.005



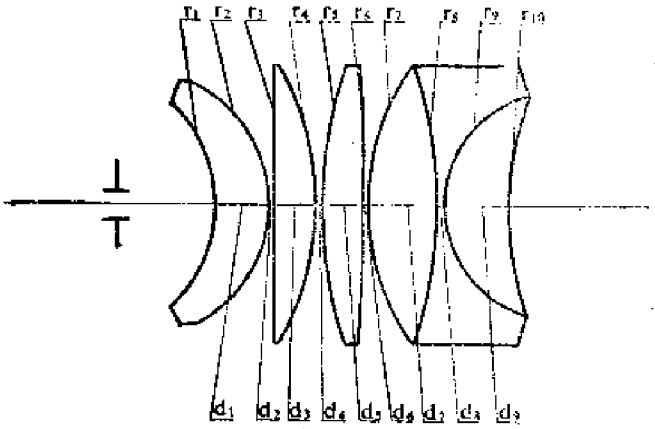




编号：08-01-037

目　镜

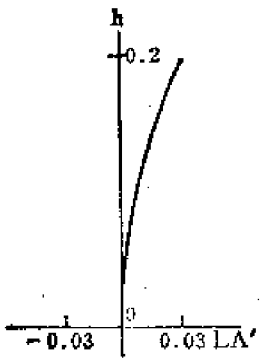
E.F.L＝1英寸　　B.F.L＝0.289　　$\phi_{出}/2=0.2$ **　　F.A.＝±30° **

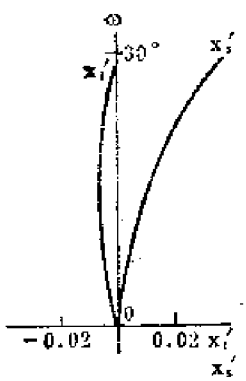


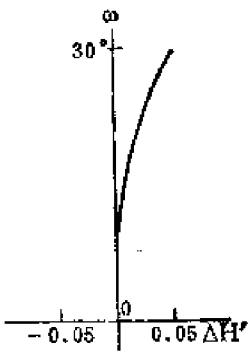
序号	r	d	n	v
1	−1.046	0.423	1.6073	59.5
2	−0.987	0.006		
3	∞	0.303	1.6073	59.5
4	−1.908	0.008		
5	3.295	0.316	1.6073	59.5
6	−5.503	0.009		
7	1.767	0.521	1.6073	59.5
8	−3.072	0.034	1.6889	31.1
9	0.803	0.451	1.6200	36.6
10	2.410			

	ΣS_1	ΣS_2	ΣS_3	ΣS_4	ΣS_5	HI	QP(1ω)
	0.0025	0.0028	−0.0023	0.0055	0.0241	0.57	8.6%

h或ω%	L_p	l_F'	LA′	OSC′	x_t'	x_s'	$x_t'-x_s'$	K_{T1}'	$K_{T0.7}'$	ΔH′
100	−0.76	9.8	0.032	0.013	0	0.038	−0.038	0.017	0.0087	0.050
70			0.016	0.006	−0.005	0.017	−0.022	0.013	0.0065	0.016



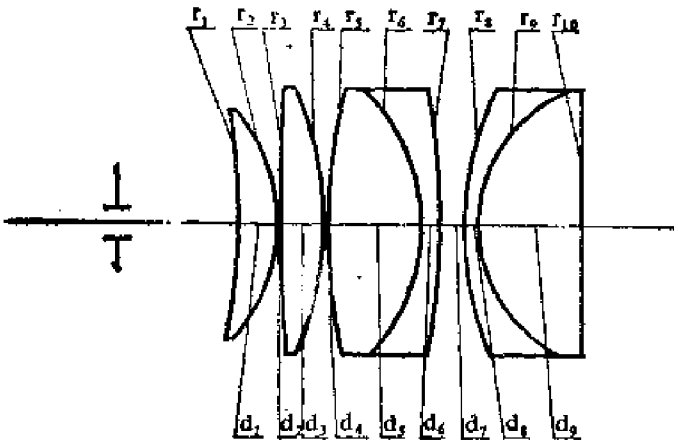




编号：08-01-038

目　镜

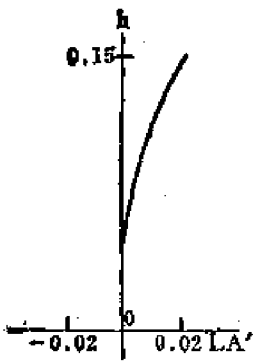
E.F.L＝1英寸　　B.F.L＝0　　$\phi_{H}/2=0.15$ **　　F.A.＝±20° **

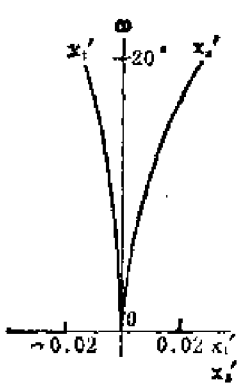


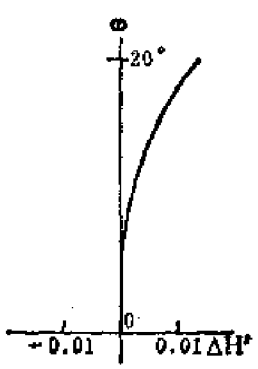
序号	r	d	n	ν
1	−3.769	0.225	1.5596	61.2
2	−1.030	0.008		
3	13.055	0.240	1.5596	61.2
4	−1.970	0.008		
5	3.250	0.550	1.5596	61.2
6	−1.330	0.092	1.6889	31.1
7	−5.060	0.150		
8	2.130	0.079	1.6471	33.9
9	0.862	0.630	1.5673	42.8
10	∞			

	ΣS_1	ΣS_2	ΣS_3	ΣS_4	ΣS_5	HI	QP(1ω)
	0.00086	0.00052	−0.00106	0.00229	0.00434	0.36	3.6%

h或ω%	L_p	l_p'	LA′	OSC′	x_i'	x_s'	$x_i'-x_s'$	$K\bar{r}_1$	$K\bar{r}_{0.7}$	ΔH′
100	−0.70	9.9	0.019	0.005	−0.016	0.026	−0.042	0.0050	0.0025	0.013
70			0.009	0.002	−0.008	0.013	−0.021	0.0036	0.0017	0.004



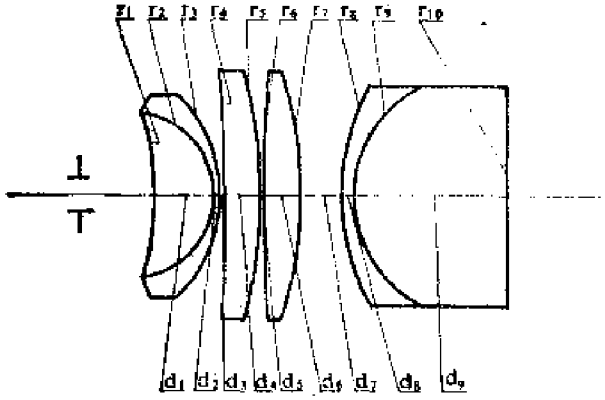




编号：08-01-039

目　　镜

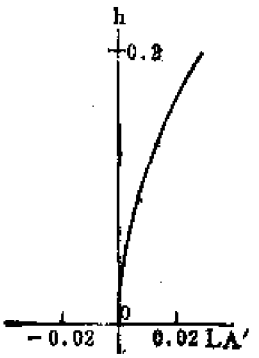
E.F.L＝1英寸　　B.F.L＝0　　$\phi_{in}/2=0.2$ **　　F.A.＝±20° **

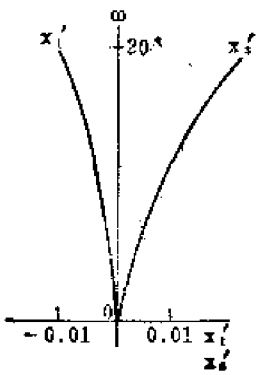


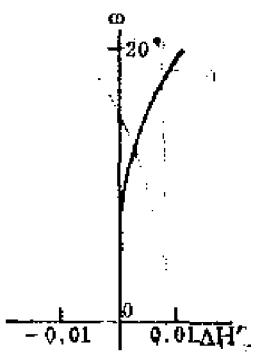
序号	r	d	n	ν
1	－1.865	0.403	1.6031	60.7
2	－0.612	0.036	1.7484	27.8
3	－1.044	0.010		
4	－5.365	0.238	1.6506	58.5
5	－1.661	0.010		
6	13.298	0.259	1.6506	58.5
7	－2.998	0.295		
8	1.552	0.078	1.6478	33.8
9	0.876	1.105	1.5477	63.5
10	∞			

	ΣS_1	ΣS_2	ΣS_3	ΣS_4	ΣS_5	HI	QP(1ω)
	0.0023	0.0017	－0.0015	0.0035	0.0046	0.36	2.9%

h 或 ω %	L_p	l'_p	LA′	OSC′	x'_t	x'_s	$x'_t-x'_s$	K_{T1}	$K_{T0.7}$	ΔH′
100	－0.75	2.7	0.028	0.011	－0.010	0.024	－0.035	0.0091	0.0048	0.010
70			0.014	0.005	－0.005	0.012	－0.017	0.0074	0.0038	0.003



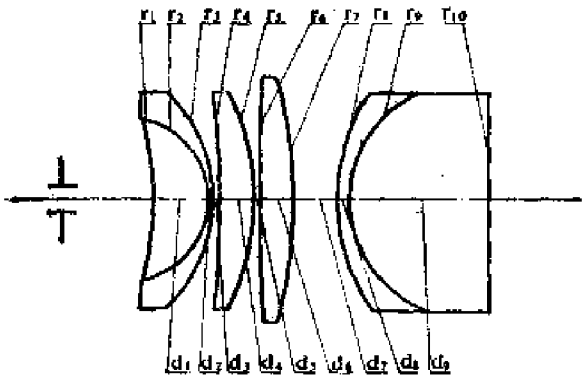




编号：08-01-040

目　　镜

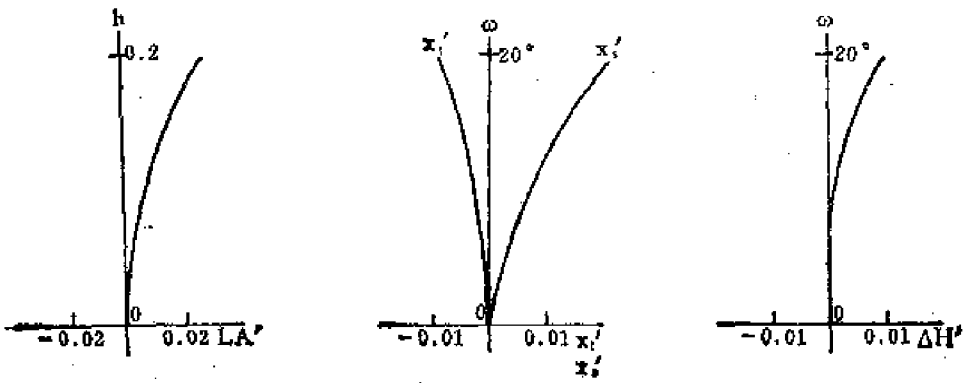
E.F.L≈1英寸　　B.F.L=0　　$\phi_{出}/2=0.2$**　　F.A.=±20°**



序号	r	d	n	ν
1	-1.608	0.3780	1.5596	61.2
2	-0.599	0.0350	1.7471	28.1
3	-0.939	0.0100		
4	-5.794	0.2520	1.6506	58.5
5	-1.644	0.0100		
6	13.889	0.2570	1.6506	58.5
7	-3.001	0.2930		
8	1.466	0.0880	1.6478	33.8
9	0.871	1.0898	1.5231	63.5
10	∞			

	ΣS_1	ΣS_2	ΣS_3	ΣS_4	ΣS_5	HI	QP(1ω)
	0.0024	0.0018	-0.0015	0.0035	0.0045	0.36	2.8%

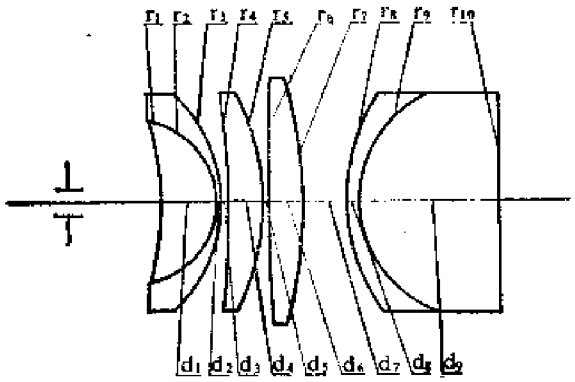
视场ω%	L_p	l_p'	LA′	OSC′	x_t'	x_s'	$x_t'-x_s'$	K_{T_1}'	$K_{T0.7}'$	ΔH′
100	-0.75	2.8	0.029	0.012	-0.010	0.024	-0.035	0.0094	0.0050	0.010
70			0.015	0.006	-0.005	0.012	-0.017	0.0077	0.0040	0.003



编号：08-01-041

目　　镜

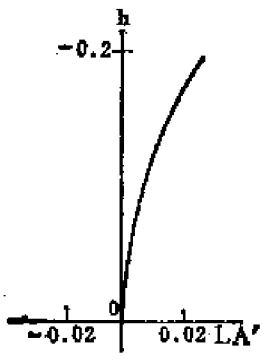
E.F.L＝1英寸　　B.F.L＝0.003　　$\phi_{出}/2=-0.2$ **　　F.A.＝$\pm 20^{\circ}$ **

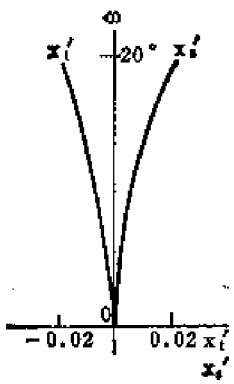


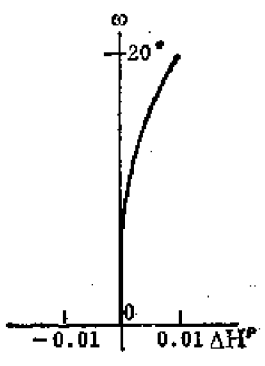
序号	r	d	n	ν
1	−1.672	0.403	1.6506	58.5
2	−0.587	0.035	1.7471	28.1
3	−1.106	0.010		
4	−5.763	0.252	1.6506	58.5
5	−1.641	0.010		
6	13.869	0.257	1.6506	58.5
7	−2.997	0.368		
8	1.464	0.088	1.6478	33.8
9	0.870	1.087	1.5231	63.5
10	∞			

	ΣS_1	ΣS_2	ΣS_3	ΣS_4	ΣS_5	HI	QP(1ω)
	0.0023	−0.0015	−0.0017	0.0034	−0.0048	0.36	3%

h 或 ω %	L_p	l_p'	LA′	OSC′	x_t'	x_s'	$x_t'-x_s'$	K_{T1}'	$K_{T0.7}'$	ΔH′
100	−0.7	3.2	0.028	0.010	−0.019	0.020	−0.039	0.0085	0.0045	0.011
70			0.014	0.005	−0.01	0.01	−0.02	0.0068	0.0035	0.003



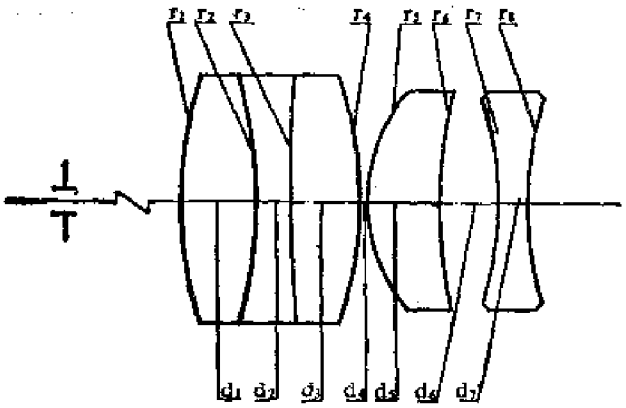




编号：08-01-042

目　　镜

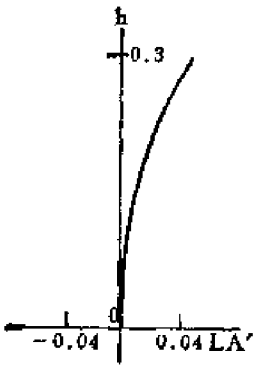
E.F.L＝1英寸　　B.F.L＝0.243　　$\phi_{出}/2=0.3$ **　　F.A.＝±20° **

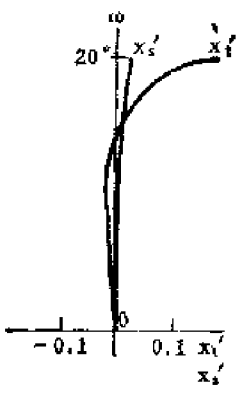


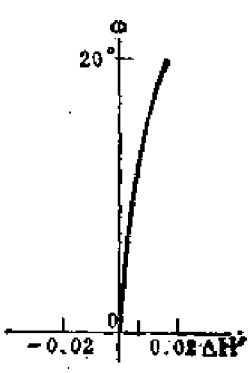
序号	r	d	n	v
1	1.427	0.2879	1.6204	60.3
2	−1.827	0.1252	1.7283	28.3
3	9.389	0.2503	1.6204	60.3
4	−1.302	0.0025		
5	0.601	0.2629	1.5163	64.0
6	2.003	0.2003		
7	−1.189	0.1010	1.7283	28.3
8	1.189			

	ΣS_1	ΣS_2	ΣS_3	ΣS_4	ΣS_5	HI	QP(1ω)
	0.0066	0.0025	0.0007	0.0027	0.0280	0.36	4.4%

h或ω%	L_p	l_p'	LA′	OSC′	x_t'	x_s'	$x_t'-x_s'$	K_{Y1}'	$K_{Y0.7}'$	ΔH′
100	−1.375	−2049	0.044	0.020	0.188	0.012	0.176	0.184	0.184	0.016
70			0.020	0.007	−0.013	0.004	−0.016	0.179	0.033	0.010



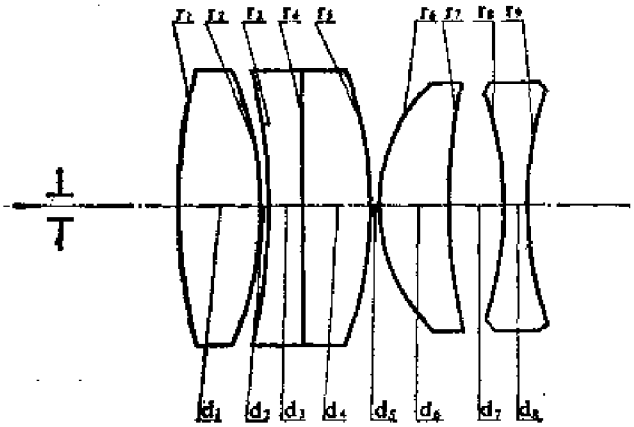




编号：08-01-043

目　镜

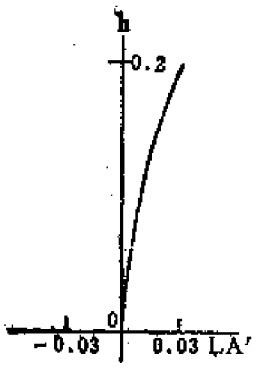
E.F.L＝1英寸　　B.F.L＝0.248　　$\phi_{出}/2=0.2$ **　　F.A.＝±10° **

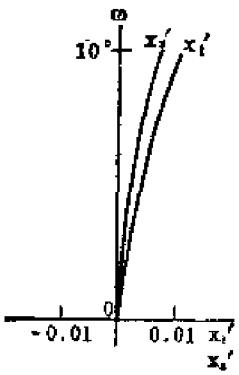


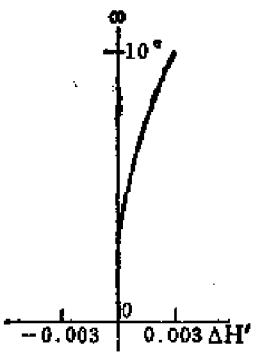
序号	r	d	n	v
1	2.433	0.2873	1.6204	60.3
2	−1.200	0.0025		
3	−2.572	0.1249	1.7283	28.3
4	∞	0.2498	1.5163	64.0
5	−1.424	0.0025		
6	0.620	0.2623	1.5163	64.0
7	2.003	0.1999		
8	−1.199	0.0999	1.7283	28.3
9	1.374			

	ΣS_1	ΣS_2	ΣS_3	ΣS_4	ΣS_5	HI	QP(1ω)
	0.00233	0.00107	0.00028	0.00034	0.00153	0.17	1.8%

h或ω%	L_p	l_p'	LA′	OSC′	x_t'	x_s'	$x_t'-x_s'$	K_{T_1}'	$K_{T_{0.7}}'$	ΔH′
100	−1.32	79	0.031	0.018	0.011	0.007	0.004	0.014	0.006	0.003
70			0.015	0.008	0.006	0.003	0.003	0.008	0.003	0.001



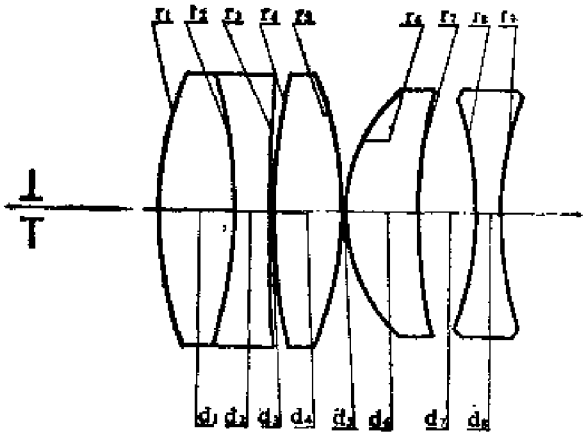




编号：08-01-044

目　镜

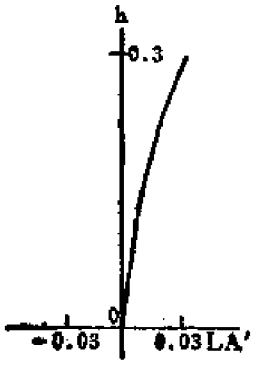
E.F.L＝1英寸　　B.F.L＝0.238　　$\phi_m/2=0.3$ **　　F.A.＝±10° **

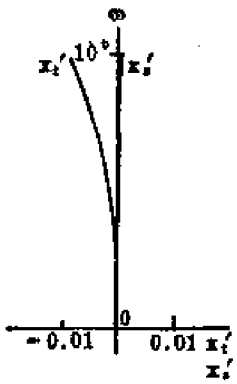


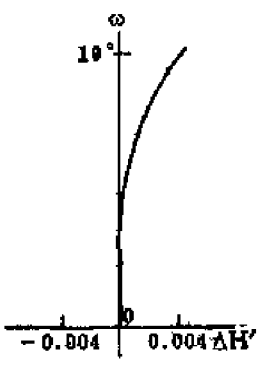
序号	r	d	n	v
1	1.383	0.2840	1.6204	60.3
2	−1.857	0.1235	1.7283	28.3
3	8.196	0.0025		
4	2.716	0.2470	1.5163	64.0
5	−1.423	0.0025		
6	0.617	0.2593	1.5163	64.0
7	1.980	0.1976		
8	−1.208	0.0988	1.7283	28.3
9	1.331			

	ΣS_1	ΣS_2	ΣS_3	ΣS_4	ΣS_5	HJ	QP(1ω)
	0.00539	0.00035	−0.00042	0.00079	0.00291	0.17	2.3%

h 或 ω%	L_p	l_F'	LA′	OSC′	x_t'	x_s'	$x_t'-x_s'$	K_{T1}'	$K_{T0.7}'$	ΔH′
100	−1.363	974	0.035	0.009	−0.009	0	−0.009	0.020	0.004	0.004
70			0.016	0.003	−0.003	0	−0.003	0.008	0.002	0.001



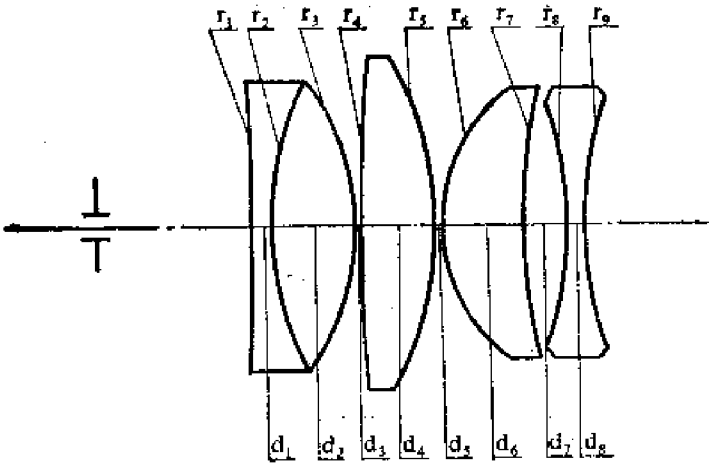




编号：08-01-045

目　镜

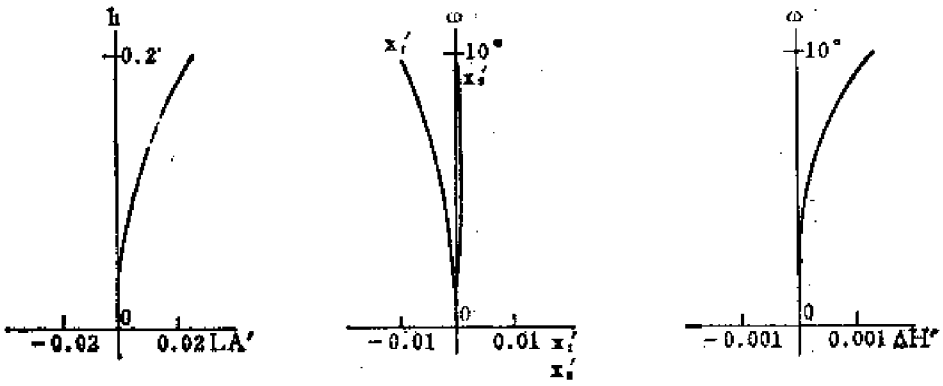
E.F.L＝1英寸　　B.F.L＝0.194　　$\phi_{出}/2=0.2$ **　　F.A.＝±10°**



序号	r	d	n	ν
1	－18.762	0.1197	1.7283	28.3
2	1.908	0.5611	1.6204	60.3
3	－1.339	0.0075		
4	8.382	0.4115	1.5687	63.1
5	－2.095	0.0075		
6	1.025	0.5087	1.5687	63.1
7	4.040	0.2245		
8	－2.633	0.1122	1.7283	28.3
9	2.327			

	ΣS_1	ΣS_2	ΣS_3	ΣS_4	ΣS_5	HI	QP(1ω)
	0.00206	0.00052	－0.00046	0.00047	0.00057	0.17	0.7%

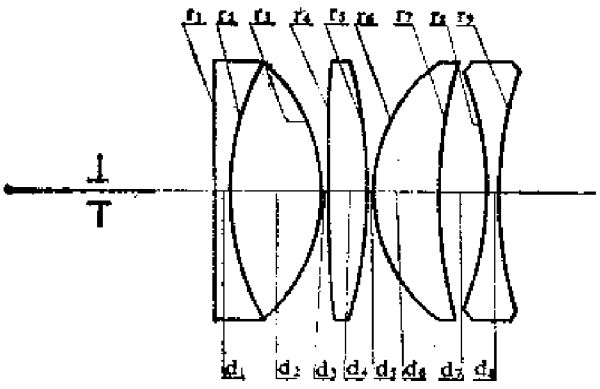
h或ω%	L_p	lp'	LA'	OSC'	x_t'	x_s'	$x_t'-x_s'$	K_{f1}'	$K_{f0.7}'$	ΔH'
100	－0.865	47	0.026	0.008	－0.01	0	－0.01	0.004	0.002	0.0013
70			0.013	0.003	－0.005	0	－0.005	0.003	0.001	0.0004



编号：08-01-046

目　　镜

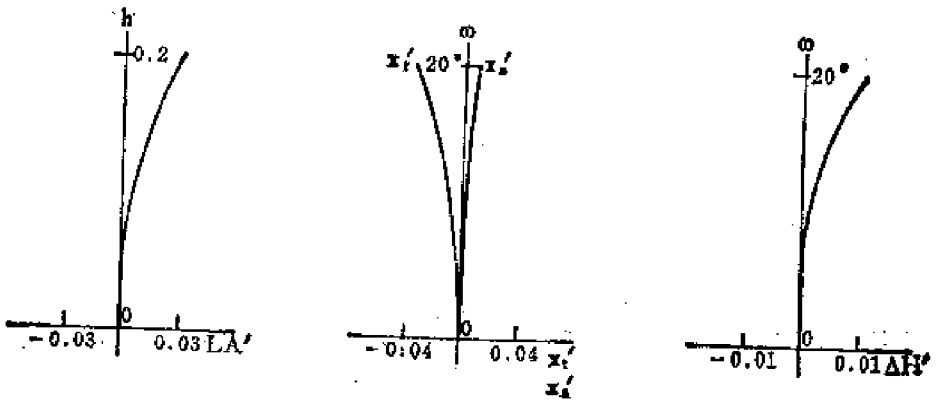
E.F.L＝1英寸　　B.F.L＝0.18　　$\phi_{出}/2=0.2^{**}$　　F.A.＝±20°**



序号	r	d	n	v
1	∞	0.1109	1.7283	28.3
2	2.145	0.7026	1.6204	60.3
3	−1.257	0.0092		
4	7.396	0.3328	1.5687	63.1
5	−2.903	0.0092		
6	1.248	0.4807	1.6923	54.7
7	4.021	0.2773		
8	−2.607	0.1109	1.7283	28.3
9	3.050			

	ΣS_1	ΣS_2	ΣS_3	ΣS_4	ΣS_5	III	QP(1ω)
	0.0022	0.0013	−0.0017	0.0020	−0.0009	0.36	2.7%

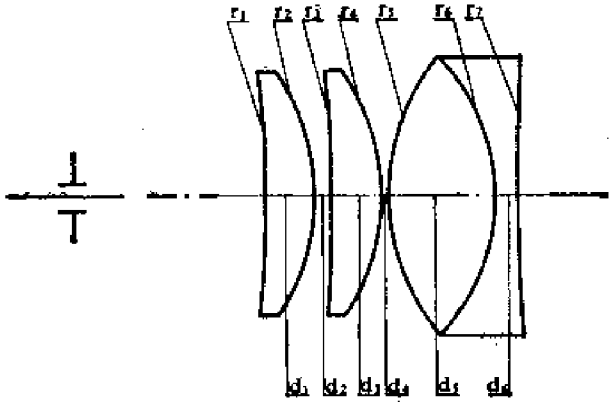
h或ω%	L_p	l'_p	LA′	OSC′	x'_t	x'_s	$x'_t-x'_s$	K'_{T1}	$K'_{T0.7}$	ΔH′
100	−0.781	556563	0.028	0.009	−0.038	0.004	−0.042	0.011	0.005	0.010
70			0.014	0.004	−0.017	0.002	−0.019	0.0077	0.0036	0.003



编号：08-01-047

目　镜

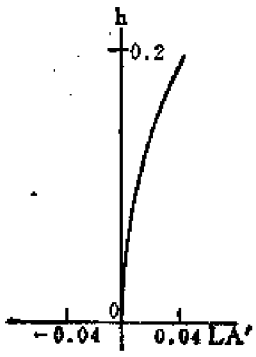
E.F.L＝1英寸　　B.F.L＝0.474　　$\phi_M/2=0.2^{**}$　　F.A.＝±20°**

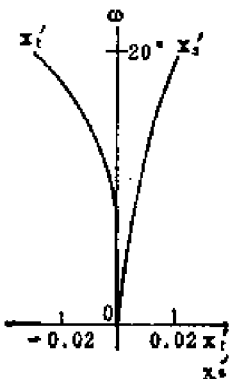


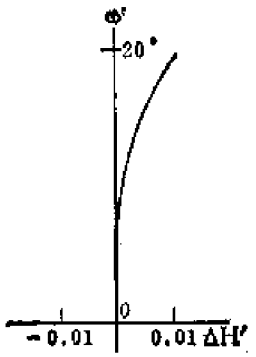
序号	r	d	n	v
1	－3.523	0.2190	1.5170	64.5
2	－1.053	0.0728		
3	－4.407	0.2250	1.5170	64.5
4	－1.070	0.0136		
5	1.025	0.5210	1.5170	64.5
6	－0.935	0.1180	1.7506	27.7
7	7.943			

	ΣS_1	ΣS_2	ΣS_3	ΣS_4	ΣS_5	HI	QP(1ω)
	0.0032	0.0019	－0.0012	0.0034	0.0054	0.36	2.5%

h 或 ω %	$l_{z'}$	l_F'	LA′	OSC′	x_t'	x_s'	$x_t'-x_s'$	K_{f_1}'	$K_{f_{0.7}}'$	ΔH′
10φ	－0.88	13	0.041	0.014	－0.035	0.021	－0.056	0.017	0.007	0.009
7φ			0.020	0.007	－0.007	0.012	－0.019	0.011	0.005	0.004



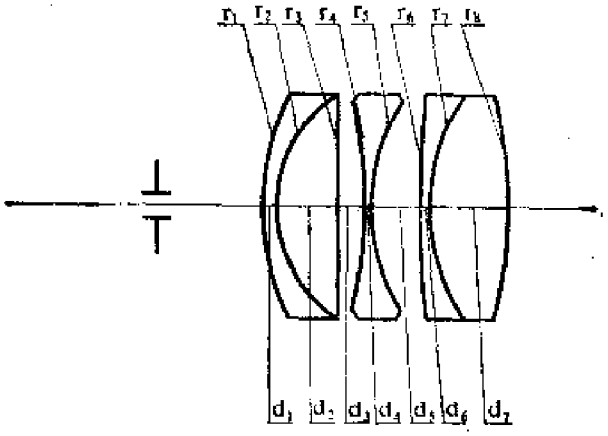




编号：08-01-048

目　　镜

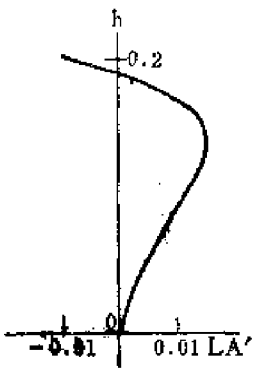
E.F.L＝1英寸　　B.F.L＝0.812　　$\phi_m/2=0.2^{**}$　　F.A.＝±20°**

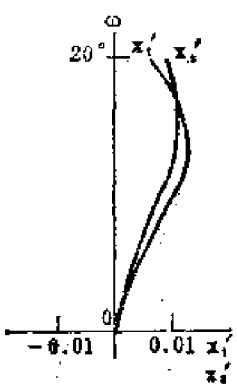


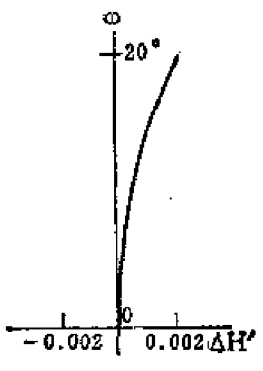
序号	r	d	n	v
1	0.365	0.017	1.523	58.6
2	0.212	0.089	1.642	58.1
3	∞	0.032		
4	−0.841	0.016	1.596	39.7
5	0.291	0.072		
6	4.080	0.017	1.583	46.5
7	0.327	0.119	1.678	55.5
8	−0.631			

	ΣS_1	ΣS_2	ΣS_3	ΣS_4	ΣS_5	HI	QP(1ω)
	0.0035	0.0017	0.0007	0.0015	0.0015	0.36	0.6%

h 或 ω %	L_p	l'_p	LA′	OSC′	x'_t	x'_s	$x'_t-x'_s$	K'_{T1}	$K'_{T0.7}$	ΔH′
100	−0.15	−0.58	−0.01	0.007	0.006	0.008	−0.002	0.162	0.472	0.002
70			0.015	0.005	0.013	0.009	0.004	0.155	0.005	0.001



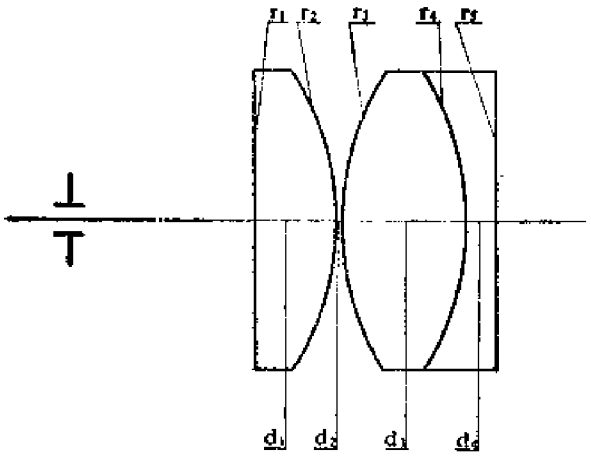




编号：08-01-049

目　镜

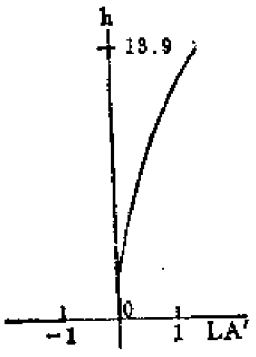
E.F.L＝100　　**B.F.L＝61.1**　　**$\phi_{出}/2=13.9$**　　**F.A.＝±26°**

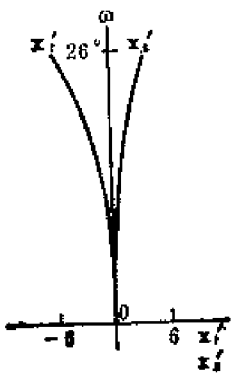


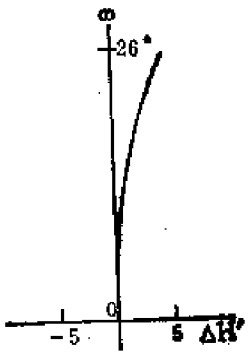
序号	r	d	n	v
1	∞	29.6	1.58913	61.2
2	－100.962	2.2		
3	107.988	44.4	1.58913	61.2
4	－107.988	11.1	1.78470	26.1
5	∞			

	ΣS_1	ΣS_2	ΣS_3	ΣS_4	ΣS_6	HI	QP(1ω)
	0.0544	－0.0010	－0.1306	0.2915	6.97	48.3	9.5%

h或ω%	L_p	l'_p	LA′	OSC′	x'_t	x'_s	$x'_t-x'_s$	K'_{T1}	$K'_{T0.7}$	ΔH′
100	－70	－581	1.44	0	－6.5	2.7	－9.2	－0.259	－0.131	4.6
70			0.71	0	－1.9	1.6	－3.5	－0.056	－0.030	1.6



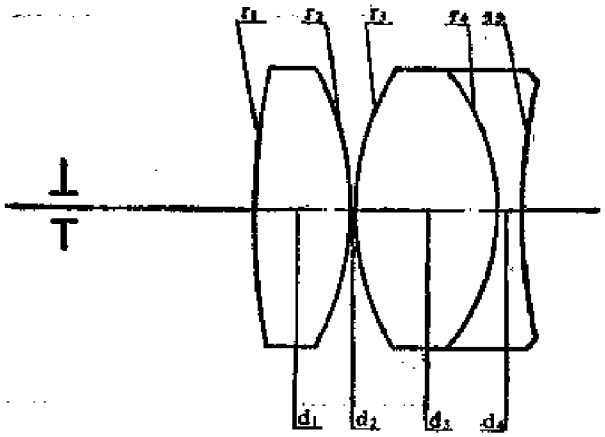




编号：08-01-050

目　镜

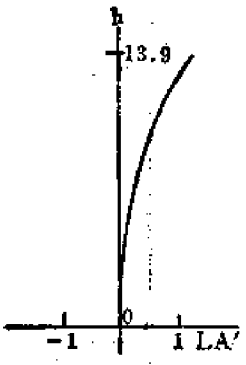
E.F.L=100.3　　B.F.L=51.4　　$\phi_{出}/2=13.8$　　F.A.=±26°

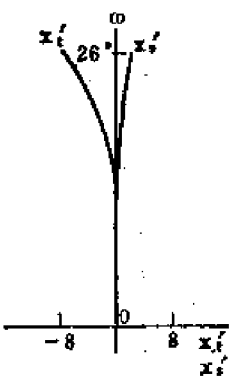


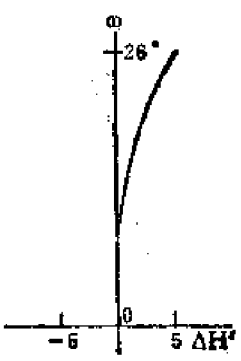
序号	r	d	n	v
1	458.0	33.3	1.6074	56.7
2	-110.0	0.7		
3	102.0	50.0	1.6228	56.9
4	-83.6	10.0	1.7552	27.5
5	225.0			

	ΣS_1	ΣS_2	ΣS_3	ΣS_4	ΣS_5	HI	QP(1ω)
	0.0485	-0.0125	-0.0843	0.2504	1.7023	48.4	9.9%

h或ω%	L_p	l'_p	LA′	OSC′	x'_t	x'_s	$x'_t-x'_s$	K_{T1}	$K_{T0.7}$	ΔH′
100	-70	-290	1.294	-0.0008	-7.5	2.2	-9.7	-0.600	-0.294	4.8
70			0.639	-0.0004	-1.3	1.5	-2.8	-0.172	-0.088	1.7



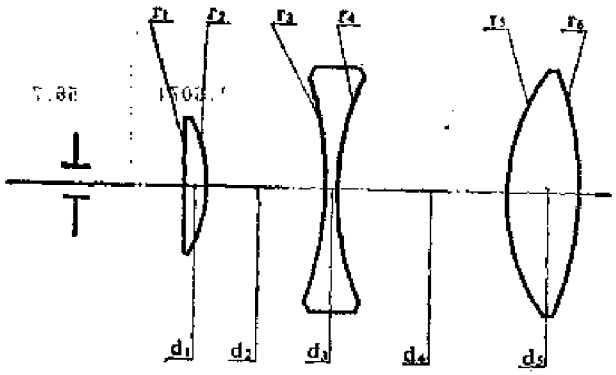




编号：08-01-051

外焦点型低倍目镜

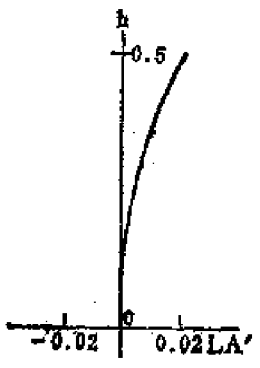
E.F.L＝62.4　　B.F.L＝23.4　　$\phi_{III}/2=0.5^{**}$　　F.A.＝±10°**

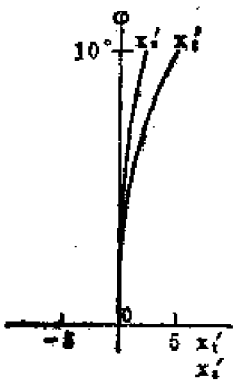


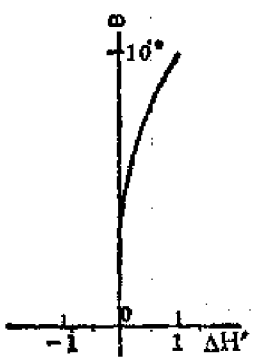
序号	r	d	n	ν
1	∞	3.14	1.51633	64.0
2	−30.040	20.90		
3	−70.155	2.09	1.59270	35.4
4	54.247	31.36		
5	39.363	12.47	1.62041	60.2
6	−63.352			

	ΣS_1	ΣS_2	ΣS_3	ΣS_4	ΣS_5	HI	QP(1ω)
	0.000002	0.000006	0.000117	0.000116	0.011	11	9.3%

h 或 ω %	L_p	l'_p	LA′	OSC′	x'_1	x'_s	$x'_1-x'_s$	K_{T1}	$K_{T0.7}$	ΔH′
100	−20**	116	0.019	0	4.8	2.1	2.7	0.0019	0.0009	1.0
70			0.009	0	2.0	0.9	1.1	0.0010	0.0005	0.3



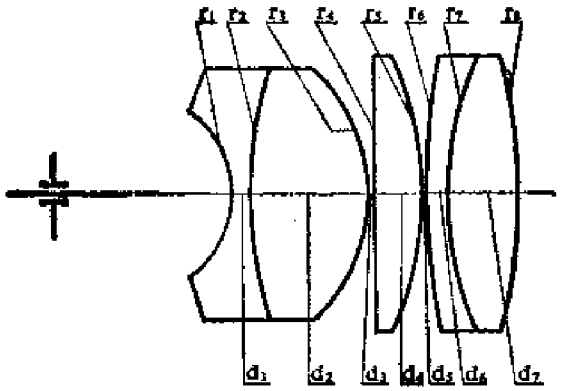




编号：08-01-052

广角补偿　目镜

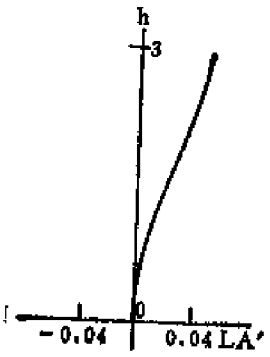
E.F.L=25.2　　B.F.L=40.8　　$\phi_M/2=3^{**}$　　F.A.$=\pm 20^{\circ **}$

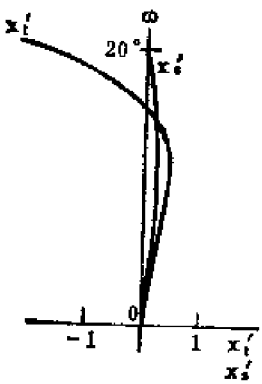


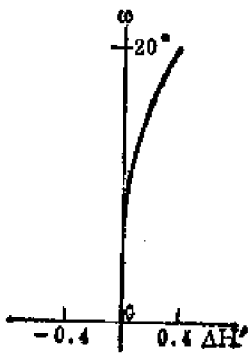
序号	r	d	n	v
1	−9.00	2.0	1.7847	25.7
2	45.00	10.0	1.6223	53.1
3	−16.09	0.3		
4	∞	4.0	1.6223	53.1
5	−29.30	0.3		
6	70.00	2.0	1.7847	25.7
7	30.20	6.0	1.6237	47.0
8	−51.90			

	ΣS_1	ΣS_2	ΣS_3	ΣS_4	ΣS_5	HI	QP(1ω)
	0.0028	0.0169	0.0291	−0.0015	0.1480	9.2	3.8%

h 或 ω %	L_p	l'_p	LA′	OSC′	x'_1	x'_8	$x'_1-x'_8$	K_{f_1}	$K_{f_{0.7}}$	ΔH′
100	−16**	123.3	0.048	0.006	−2.5	0.03	−2.53	−1.13	−0.38	0.35
70			0.038	0.003	0.43	0.27	0.16	−0.156	−0.042	0.16



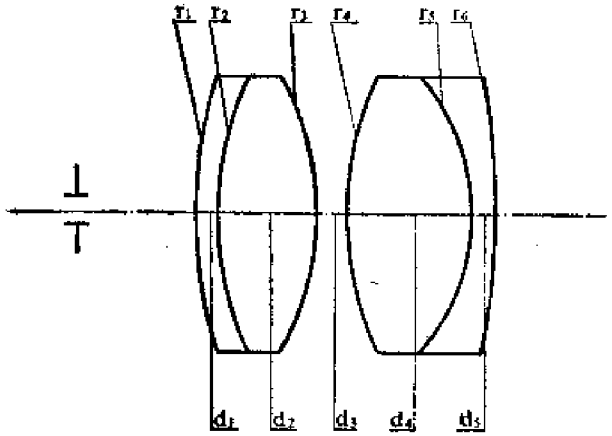




编号：08-01-053

目　镜

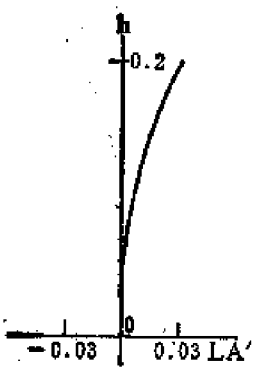
E.F.L＝1英寸　　B.F.L＝0.531　　$\phi_{出}/2=0.2^{**}$　　F.A.＝±20°**

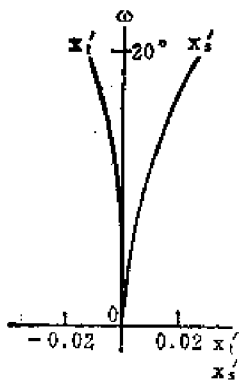


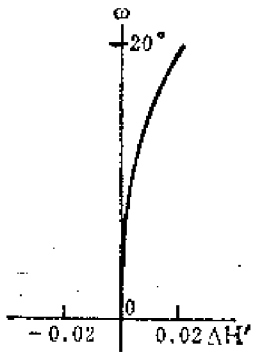
序号	r	d	n	ν**
1	2.942	0.080	1.573	42.6
2	1.198	0.354	1.516	64.0
3	−0.991	0.106		
4	1.145	0.443	1.516	64.0
5	−0.784	0.089	1.648	33.8
6	−6.600			

	ΣS_1	ΣS_2	ΣS_3	ΣS_4	ΣS_5	HI	QP(1ω)
	0.00246	−0.00057	−0.00147	0.00392	0.00936	0.36	5.8%

h或ω%	L_p	l'_p	LA′	OSC′	x'_t	x'_s	$x'_t-x'_s$	K'_{T1}	$K'_{T0.7}$	ΔH′
100	−0.40	−2.5	0.032	−0.003	−0.014	0.025	−0.039	−0.005	−0.002	0.021
70			0.015	−0.002	−0.004	0.014	−0.018	−0.003	−0.001	0.007



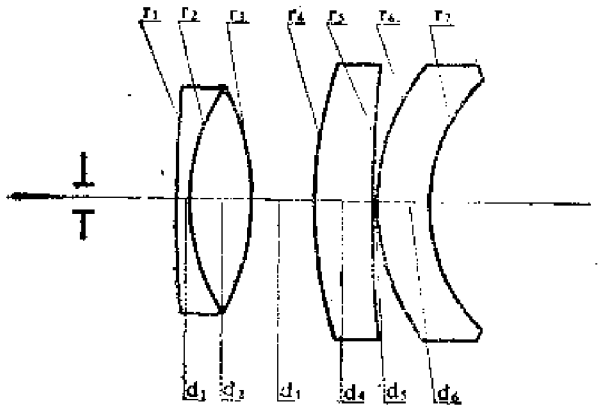




编号：08-01-054

大入射角双目光学仪器的目镜

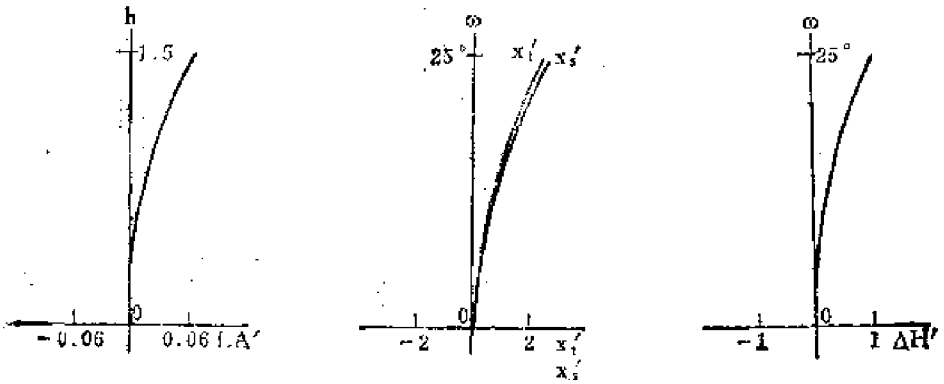
E.F.L=60　　B.F.L=33.27　　$\phi_{dl}/2=1.5^{**}$　　F.A.=±25°



序号	r	d	n	v
1	1000.00	2.2	1.64769	33.9
2	40.38	11.1	1.58913	61.2
3	-44.67	11.1		
4	75.48	11.1	1.51633	64.1
5	228.79	0.4		
6	40.00	10.0	1.51633	64.1
7	30.54			

	ΣS_1	ΣS_2	ΣS_3	ΣS_4	ΣS_5	HI	QP(1ω)
	0.00008	-0.00025	-0.00005	0.00415	0.08750	27.9	3.8%

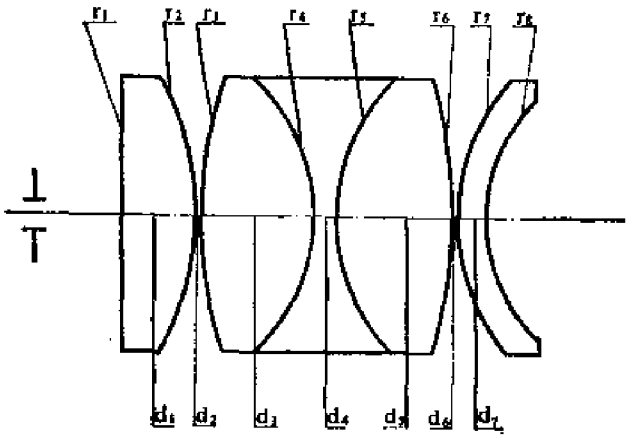
h 或 ω %	l_p	l'_p	LA′	OSC′	x'_t	x'_s	$x'_t-x'_s$	K'_{T1}	$K'_{T0.7}$	ΔH′
100	-16**	-51	0.063	-0.0001	2.4	2.5	-0.1	-0.017	-0.008	1.1
70			0.031	0	1.33	1.34	-0.01	-0.010	-0.005	0.5



编号：08-01-055

大入射角双目光学仪器的目镜

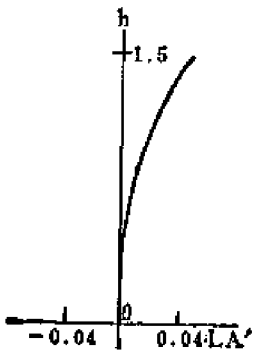
E.F.L=62.2　　B.F.L=27.3　　$\phi_{出}/2=1.5^{**}$　　F.A.=±25°

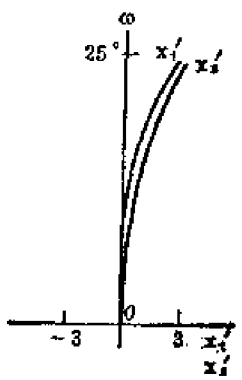


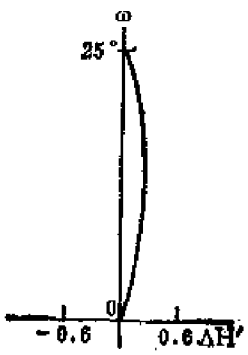
序号	r	d	n	v
1	∞	12.8	1.61293	36.9
2	-51.60	0.4		
3	85.80	20.0	1.51633	64.1
4	-33.48	4.0	1.61293	36.9
5	35.94	20.0	1.51633	64.1
6	-94.80	0.4		
7	40.00	6.0	1.58913	61.2
8	30.70			

	ΣS_1	ΣS_2	ΣS_3	ΣS_4	ΣS_5	HI	QP(1ω)
	0.00005	-0.00025	-0.00064	0.00481	0.04231	29	-0.1%

h 或 ω %	l_p	l'_p	LA′	OSC′	x'_t	x'_s	$x'_t-x'_s$	K'_{T1}	$K'_{T0.7}$	ΔH′
100	-15***	-59	0.047	-0.0001	2.9	3.0	-0.1	-0.024	-0.012	-0.03
70			0.023	0	1.2	1.5	-0.3	-0.011	-0.005	0.33



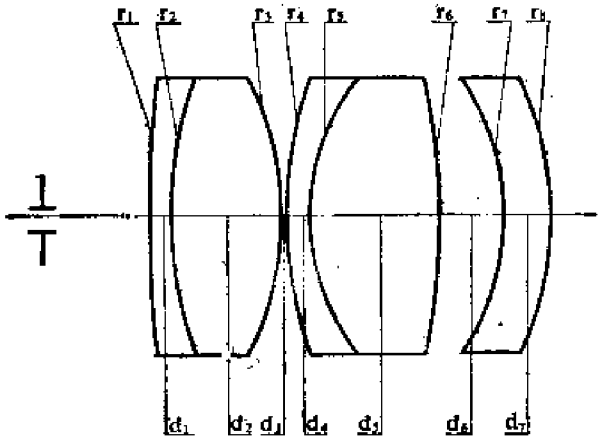




编号：08-01-056

大入射角双目光学仪器的目镜

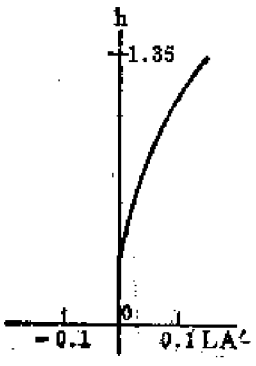
E.F.L＝10　　B.F.L＝3.06　　$\phi_{出}/2=1.35$　　F.A.＝±25°

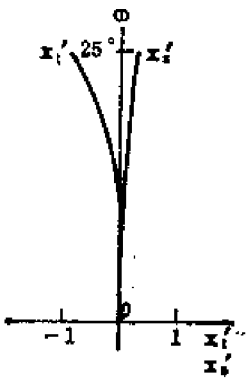


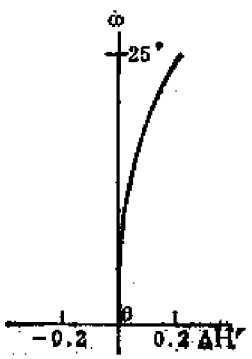
序号	r	d	n	v
1	80.248	0.804	1.71736	29.5
2	15.206	4.012	1.64000	60.2
3	−11.212	0.099		
4	15.014	0.904	1.74077	27.8
5	8.018	4.609	1.63854	55.4
6	−32.407	2.259		
7	−9.049	1.717	1.51633	64.1
8	−11.748			

	ΣS_1	ΣS_2	ΣS_3	ΣS_4	ΣS_6	HI	QP(1ω)
	0.0055	0.0054	−0.0101	0.0259	0.0890	4.7	4.4%

h 或 ω %	L_p	l'_p	LA′	OSC′	x'_t	x'_s	$x'_t-x'_s$	K'_{T1}	$K'_{T0.7}$	ΔH′
100	−7.95	78.5	0.155	0.004	−0.91	0.28	−1.19	0.023	0.011	0.20
70			0.077	0.002	−0.17	0.17	−0.34	0.035	0.017	0.08



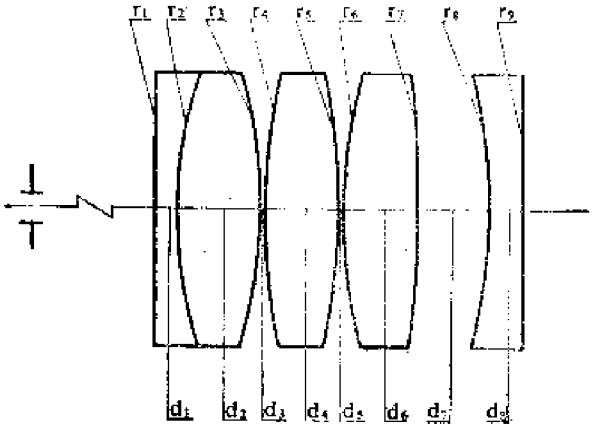




编号：08-01-057

大入射角双目光学仪器的目镜

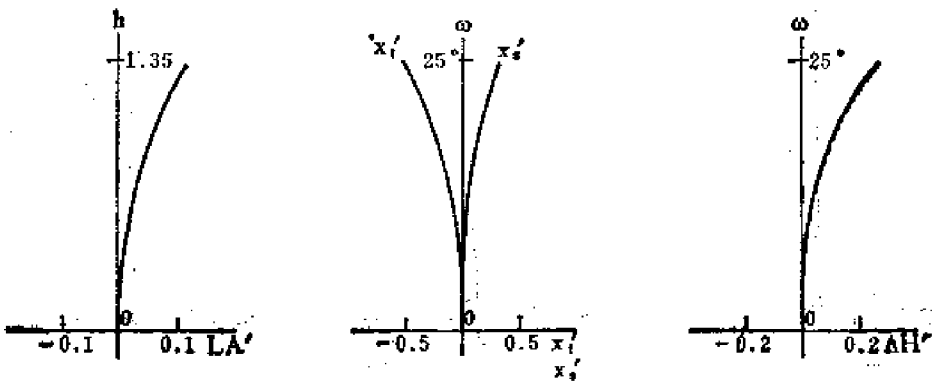
E.F.L＝10　　B.F.L＝3.7　　$\phi_{出}/2=1.35$　　F.A.＝±25°



序号	r	d	n	v
1	∞	0.895	1.80518	25.4
2	16.334	2.967	1.62041	60.3
3	−16.336	0.179		
4	26.238	2.686	1.62041	60.3
5	−26.238	0.179		
6	18.805	2.686	1.62041	60.3
7	−37.611	2.597		
8	−21.940	1.343	1.80518	25.4
9	∞			

	ΣS_1	ΣS_2	ΣS_3	ΣS_4	ΣS_5	HI	QP(1ω)
	0.0046	0.0035	−0.0150	0.0233	0.0523	4.6	5.6%

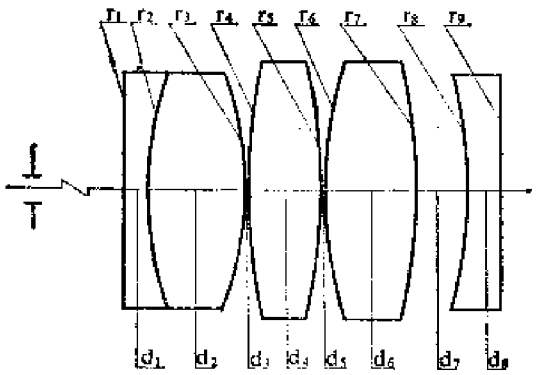
h 或 ω %	L_p	l'_p	LA′	OSC′	x'_t	x'_s	$x'_t-x'_s$	K'_{T1}	$K'_{T0.7}$	ΔH′
100	−8.96	97.4	0.128	0.0028	−0.52	0.24	−0.76	0.045	0.022	0.26
70			0.063	0.0014	−0.26	0.11	−0.37	0.028	0.014	0.09



编号：08-01-058

大入射角双目光学仪器的目镜

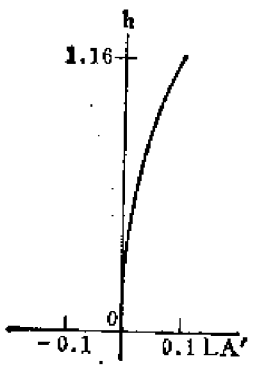
E.F.L＝10　　B.F.L＝3.33　　$\phi_{出}/2=1.16$　　F.A.＝±30°

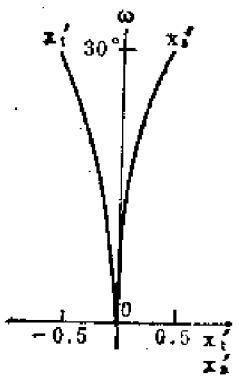


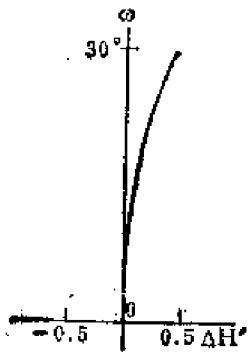
序号	r	d	n	ν
1	∞	0.993	1.80518	25.4
2	15.158	4.172	1.62041	60.3
3	−15.158	0.199		
4	28.045	3.179	1.62041	60.3
5	−28.045	0.199		
6	19.047	3.775	1.62041	60.3
7	−27.517	2.185		
8	−18.536	1.391	1.80518	25.4
9	∞			

	ΣS_1	ΣS_2	ΣS_3	ΣS_4	ΣS_5	HI	QP(1ω)
	0.0025	0.0031	−0.0163	0.0261	0.0840	5.7	7.6%

h 或 ω %	l_p	l'_p	LA′	OSC′	x'_t	x'_s	$x'_t - x'_s$	K'_{T1}	$K'_{T0.7}$	ΔH′
100	−7.95	108.7	0.094	0.0023	−0.51	0.41	−0.92	0.0721	0.0341	0.44
70			0.047	0.0011	−0.34	0.17	−0.51	0.0305	0.0150	0.15



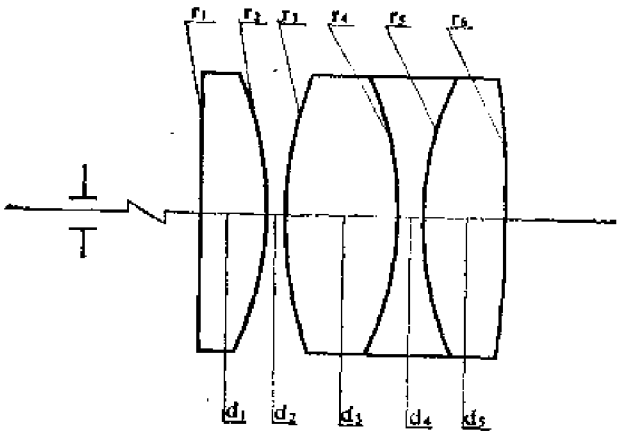




编号：08-01-059

低成本较大视场目镜

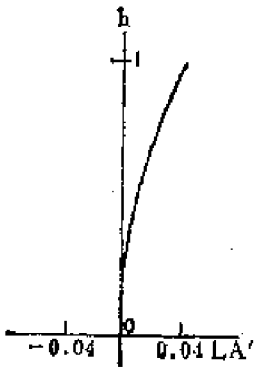
E.F.L＝25　　B.F.L＝14.87　　$\phi_{出}/2=1^{**}$　　F.A.＝±18°

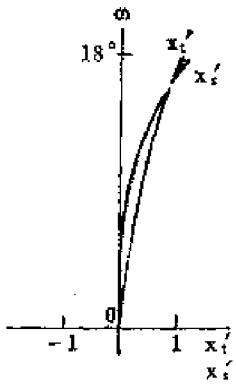


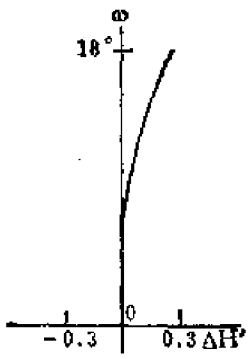
序号	r	d	n	v
1	∞	4.2	1.58913	61.1
2	−20.51	1.0		
3	24.50	6.8	1.51823	59.0
4	−20.51	1.5	1.72825	28.5
5	20.51	5.3	1.51823	59.0
6	−53.76			

	ΣS_1	ΣS_2	ΣS_3	ΣS_4	ΣS_5	HI	QP(1ω)
	0.00015	0.00056	0.00067	0.00322	0.01611	8.1	3.3%

h 或 ω %	L_p	l'_p	LA′	OSC′	x'_t	x'_s	$x'_t-x'_s$	K'_{T_1}	$K'_{T_{0.7}}$	ΔH′
100	−26.1	182.7	0.047	0.0008	0.98	1.06	−0.08	0.0214	0.0106	0.27
70			0.023	0.0004	0.66	0.55	0.11	0.0146	0.0073	0.11



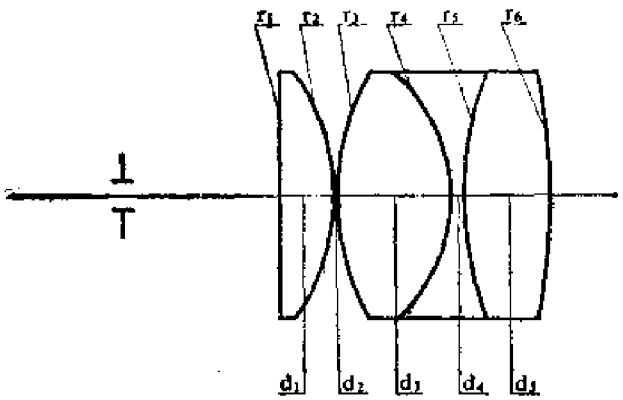




编号：08-01-060

望远镜目镜

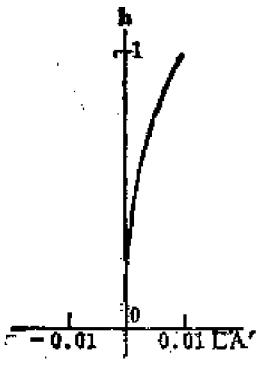
E.F.L＝100英寸　　B.F.L＝27.3　　$\phi_H/2=1^{**}$　　F.A.＝±15°**

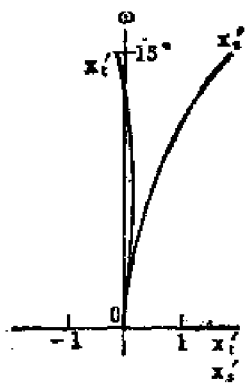


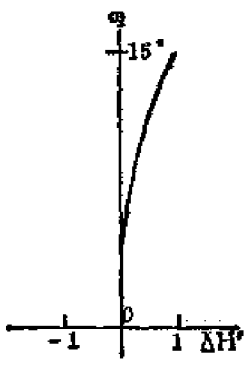
序号	r	d	n	v
1	∞	28.5	1.7015	41.1
2	−105.9	0.8		
3	128.0	57.0	1.5687	63.1
4	−87.6	8.2	1.7283	28.3
5	193.0	45.0	1.5687	63.1
6	−315.0			

	ΣS_1	ΣS_2	ΣS_3	ΣS_4	ΣS_5	HI	QP(1ω)
	0	0.00001	−0.00015	0.00049	0.00721	26.8	2.8%

h 或 ω %	L_p	l'_p	LA′	OSC′	x'_t	x'_s	$x'_t-x'_s$	K'_{T1}	$K'_{T0.7}$	ΔH′
100	−82	4550	0.0078	0	−0.14	1.58	−1.72	0.0014	0.0007	0.76
70			0.0039	0	0.006	0.800	−0.794	0.0010	0.0005	0.27



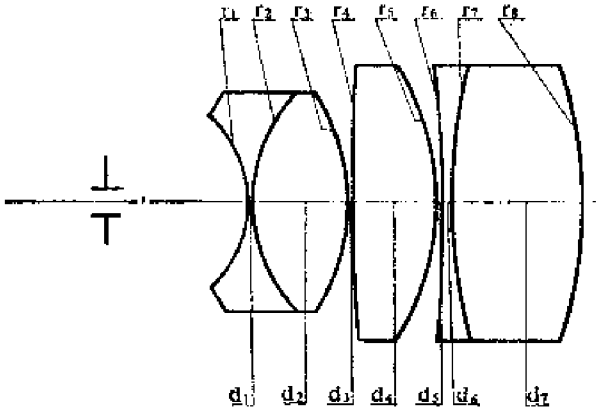




编号：08-01-061

瞄准器光学系统

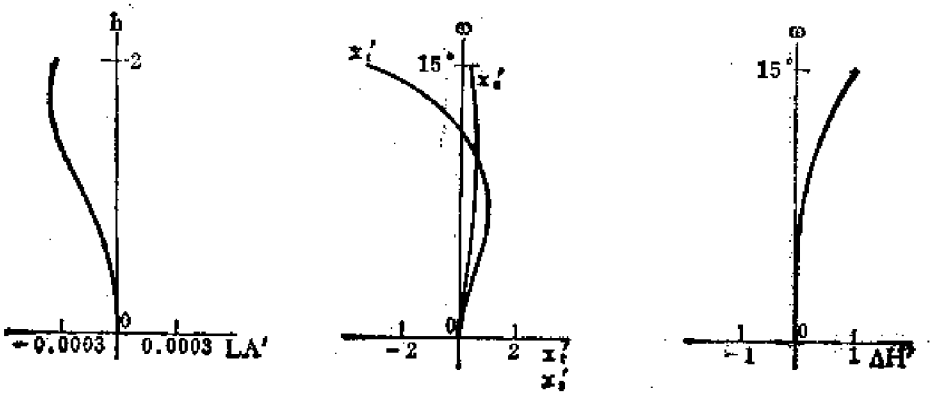
E.F.L＝119.4　　B.F.L＝178.6　　$\phi_{出}/2=2^{**}$　　F.A.＝±15°**



序号	r	d	n	v
1	－43.42	2	1.720	29.2
2	59.92	34	1.574	56.8
3	－71.40	1		
4	1712.00	30	1.620	60.0
5	－97.22	1		
6	－1350.00	4	1.621	36.2
7	201.84	47	1.620	60.0
8	－151.16			

	ΣS_1	ΣS_2	ΣS_3	ΣS_4	ΣS_5	HI	QP(1∞)
	0	0.00013	0.00074	0.00028	0.03790	32	2.8%

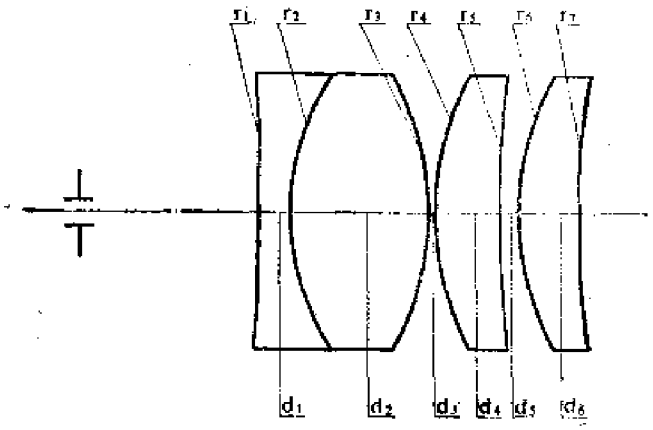
h 或 ω%	L_p	l'_p	LA′	OSC′	x'_t	x'_s	$x'_t-x'_s$	Kf_1	$Kf_{0.7}$	ΔH′
100	－50**	1831	－0.0003	0	－3.58	0.38	－3.96	－0.030	－0.015	0.91
70			－0.0003	0	0.57	0.58	－0.01	－0.002	－0.001	0.35



编号：08-01-062

望远镜目镜

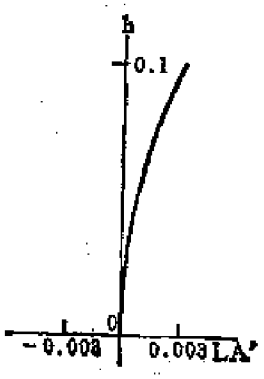
E.F.L＝1　　B.F.L＝0.803　　$\phi_{IH}/2=0.1^{**}$　　F.A.＝±28°**

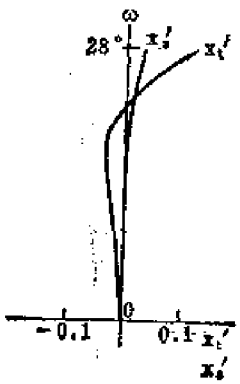


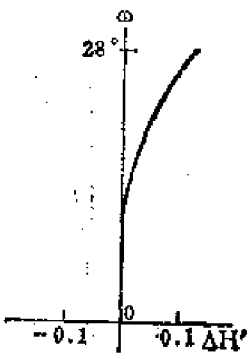
序号	r	d	n	ν
1	－7.9100	0.1180	1.7506	27.7
2	0.9349	0.5210	1.5170	64.5
3	－1.0290	0.0136		
4	1.0704	0.2250	1.5170	64.5
5	4.4071	0.0728		
6	1.0527	0.2190	1.5170	64.5
7	3.5231			

	ΣS_1	ΣS_2	ΣS_3	ΣS_4	ΣS_5	HI	QP(100)
	0.00006	－0.00016	－0.00129	0.03184	0.02140	0.53	23%

h 或 ω %	L_p	l'_p	LA′	OSC′	x'_t	x'_s	$x'_t-x'_s$	K'_{T1}	$K'_{T0.7}$	ΔH′
100	－0.65**	6.57	0.003	－0.0016	0.132	0.036	0.096	0.500	0.502	0.12
70			0.001	－0.00018	0.033	0.009	－0.042	－0.002	－0.001	0.03



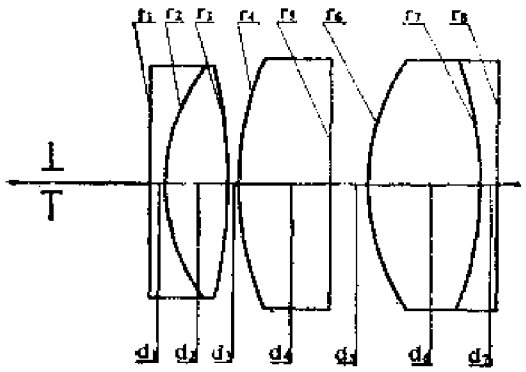




编号：08-01-063

目　　镜

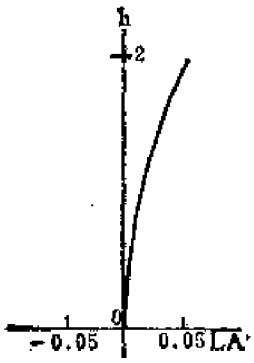
E.F.L＝15.12　　B.F.L＝5.69　　$\phi_{出}/2=2^{**}$　　F.A.＝±25°**

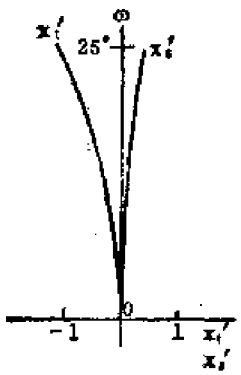


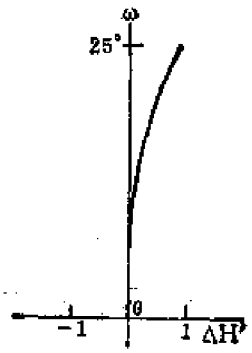
序号	r	d	n	v
1	∞	1.0	1.626	39.1
2	11.9	3.5	1.620	58.1
3	−32.0	0.9		
4	20.5	5.5	1.520	63.6
5	∞	2.3		
6	14.3	6.7	1.512	59.8
7	−22.3	1.0	1.708	36.5
8	∞			

	ΣS_1	ΣS_2	ΣS_3	ΣS_4	ΣS_6	HI	QP(1ω)
	0.0019	−0.0037	−0.0231	0.0424	0.2706	7	10.9%

h 或 ω %	L_p	l'_p	LA′	OSC′	x'_t	x'_s	$x'_t-x'_s$	K'_{T1}	$K'_{T0.7}$	ΔH′
100	−12**	104	0.057	−0.002	−1.32	0.33	−1.65	−0.091	−0.042	0.77
70			0.028	−0.001	−0.45	0.20	−0.65	−0.033	−0.016	0.29



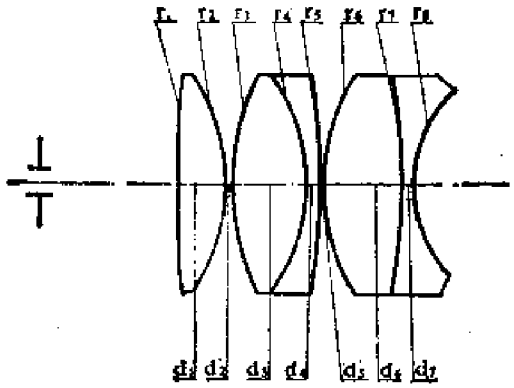




编号：08-01-064

双筒光学仪器的目镜

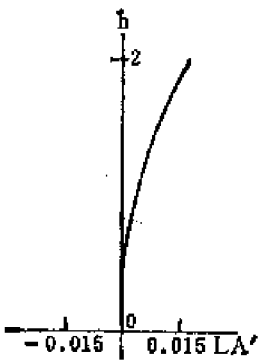
E.F.L＝100　　B.F.L＝20.4　　$\phi_{出}/2=2^{**}$　　F.A.＝±25°

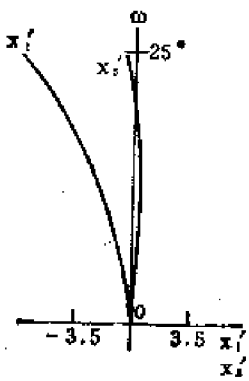


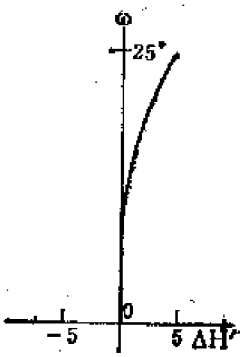
序号	r	d	n	v
1	757.81	35.486	1.6074	56.7
2	−143.66	0.710		
3	183.48	53.229	1.6204	60.3
4	−126.21	8.517	1.7618	26.5
5	−960.18	0.710		
6	106.19	52.520	1.6204	60.3
7	−571.92	11.356	1.7552	27.5
8	83.14			

	ΣS_1	ΣS_2	ΣS_3	ΣS_4	ΣS_5	HI	QP(1ω)
	0.00001	0	−0.00268	0.00315	0.24195	46.7	10%

h 或 ω%	L_p	l'_p	LA′	OSC′	x'_t	x'_s	$x'_t-x'_s$	K'_{T1}	$K'_{T0.7}$	ΔH′
100	−100**	−424	0.016	0	−7.75	−0.22	−7.54	0.00016	0.00004	4.7
70			0.008	0	−3.19	0.07	−3.26	0.00021	0.00007	1.7



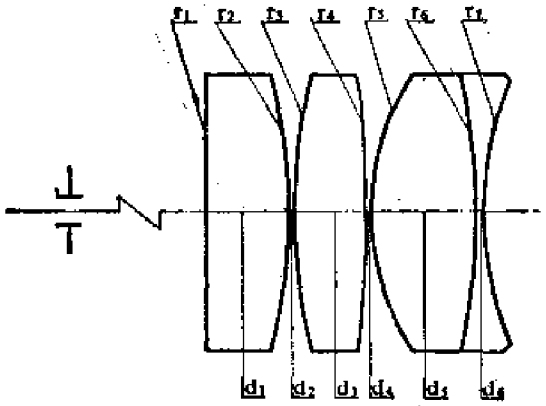




编号：08-01-065

目　镜

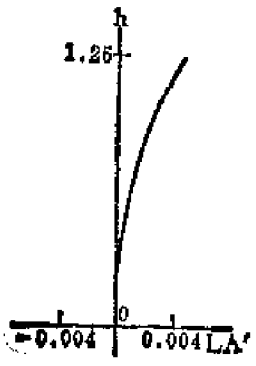
E.F.L=100　　B.F.L=58.4　　$\phi_{出}/2=1.25^{**}$　　F.A.=±15°.**

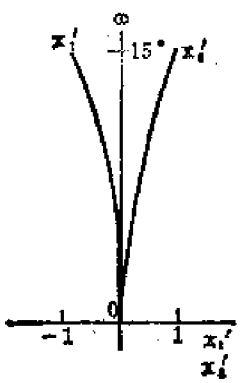


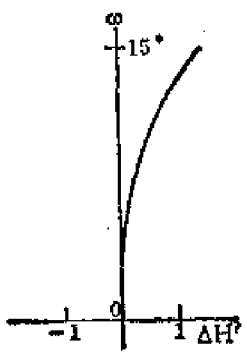
序号	r	d	n	v
1	∞	25.0	1.6073	59.5
2	−159.0	1.0		
3	180.0	21.0	1.6073	59.5
4	−590.0	0.5		
5	78.3	31.0	1.4861	70.6
6	−222.0	2.5	1.6477	33.9
7	103.5			

	ΣS_I	ΣS_{II}	ΣS_{III}	ΣS_{IV}	ΣS_V	HI	QP(1ω)
	0	−0.00002	−0.00024	0.00061	0.02379	26.8	4.7%

h 或 ω %	L_p	l'_p	LA′	OSC′	x'_t	x'_s	$x'_t-x'_s$	K'_{T1}	$K'_{T0.7}$	ΔH′
100	−70**	−314	0.004	0	−0.88	0.93	−1.81	−0.003	−0.001	1.3
70			0.002	0	−0.29	0.52	−0.81	−0.002	−0.001	0.4



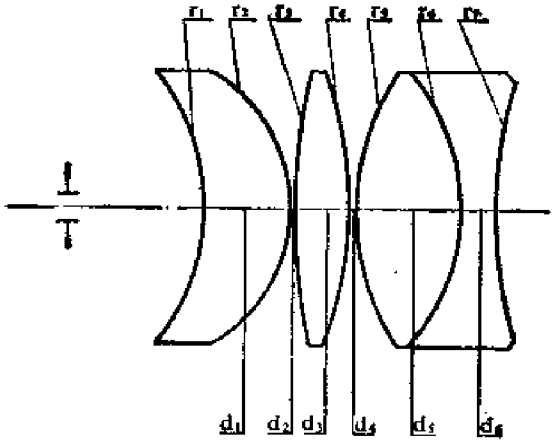




编号：08-01-066

目　镜

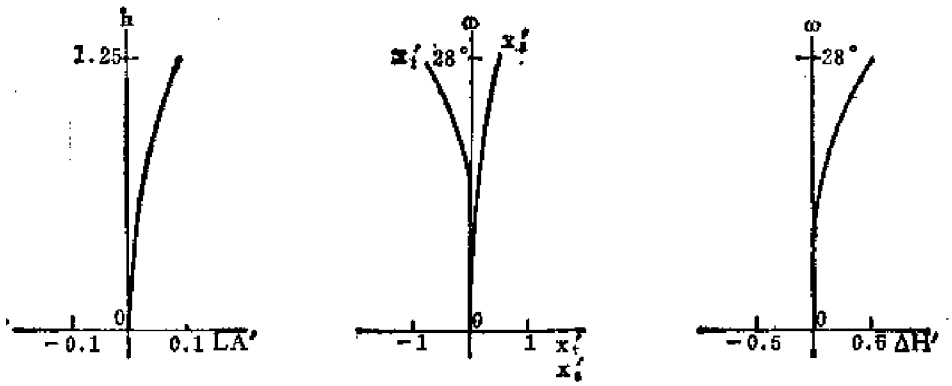
E.F.L＝15.6　　B.F.L＝7.16　　$\phi_{出}/2=1.25^{**}$　　F.A.＝±28°**



序号	r	d	n	v**
1	−19.800	7.4	1.59070	58.3
2	−14.300	0.1		
3	55.000	5.0	1.60840	58.9
4	−35.150	0.1		
5	21.740	9.5	1.59070	58.3
6	−18.500	3.0	1.71736	29.5
7	41.106			

	ΣS_1	ΣS_2	ΣS_3	ΣS_4	ΣS_5	HI	QP(1ω)
	0.0012	0.0028	−0.0045	0.0129	0.1221	8.3	6%

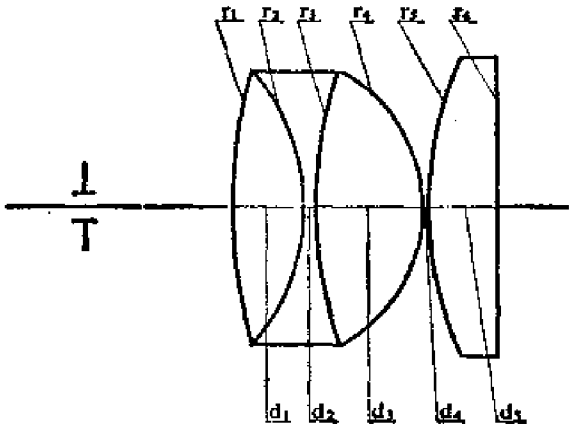
h 或 ω %	L_p	l'_p	LA′	OSC′	x'_t	x'_s	$x'_t-x'_s$	K_{f1}	$K_{f0.7}$	ΔH′
100	−12**	208	0.096	0.002	−0.91	0.45	−1.36	0.041	0.020	0.51
70			0.048	0.001	−0.16	0.26	−0.42	0.033	0.016	0.20



编号：08-01-067

廉价的二组元目镜

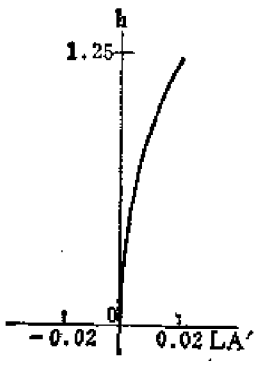
E.F.L＝99.8　　B.F.L＝73.9　　$\phi_{出}/2=1.25^{**}$　　F.A.＝±15°

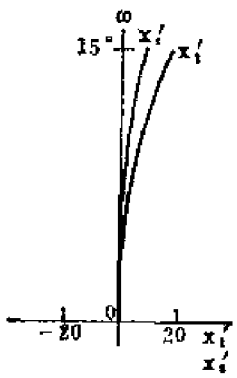


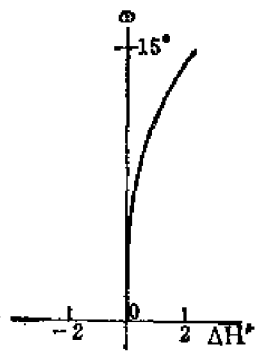
序号	r	d	n	v
1	249.9	30.0	1.5163	64.0
2	−100.0	6.5	1.6477	33.9
3	200.0	50.0	1.5163	64.0
4	−71.5	1.5		
5	162.5	30.0	1.5163	64.0
6	∞			

	ΣS_1	ΣS_2	ΣS_3	ΣS_4	ΣS_5	HI	QP(1ω)
	0	0.00011	0.00162	0.00083	0.05215	26.7	7.8%

h或ω%	L_p	l'_p	LA′	OSC′	x'_t	x'_s	$x'_t-x'_s$	K'_{T1}	$K'_{T0.7}$	ΔH′
100	−66**	511	0.023	0.0001	18.6	7.8	10.8	0.018	0.009	2.1
70			0.011	0	8.9	3.8	5.1	0.011	0.003	0.7



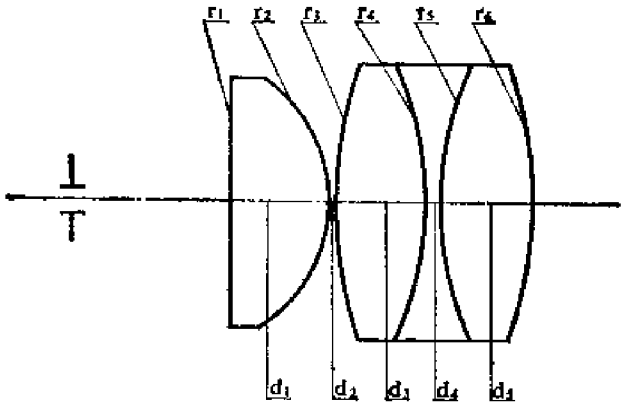




编号：08-01-068

廉价的二组元目镜

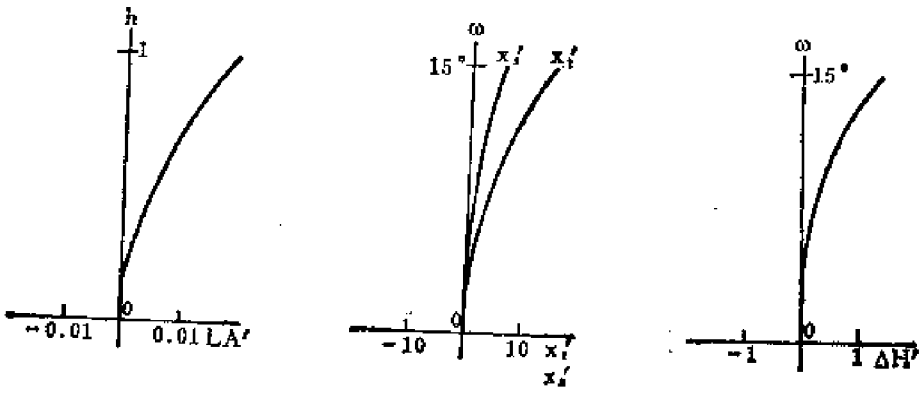
E.F.L＝99.8　　B.F.L＝43.63　　$\phi_{出}/2=1^{**}$　　F.A.＝±15°**



序号	r	d	n	v
1	∞	43.5	1.5168	64.0
2	−68.28	1.5		
3	200.00	41.0	1.5163	64.0
4	−150.00	6.5	1.6477	33.9
5	150.00	41.0	1.5163	64.0
6	−200.00			

	ΣS_1	ΣS_2	ΣS_3	ΣS_4	ΣS_5	HI	QP(1ω)
	0	0.00005	0.00069	0.00055	0.02096	26.7	5.3%

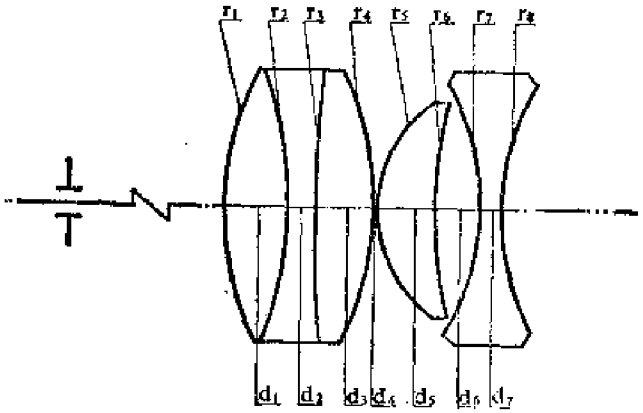
h 或ω%	L_p	l'_p	LA′	OSC′	x'_t	x'_s	$x'_t-x'_s$	K_{T1}	$K_{T0.7}$	ΔH′
100	−70**	1075	0.019	0.0001	13.2	6.1	7.1	0.009	0.004	1.4
70			0.009	0	6.4	3.0	3.4	0.006	0.003	0.4



编号：08-01-069

光学仪器的目镜

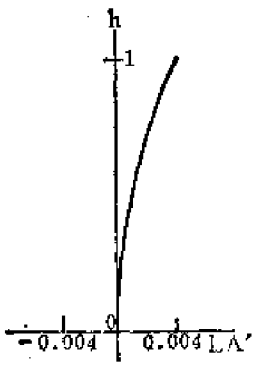
E.F.L＝100　　B.F.L＝24.3　　$\phi_{in}/2=1^{**}$　　F.A.＝±21°

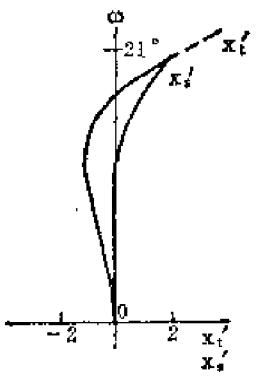


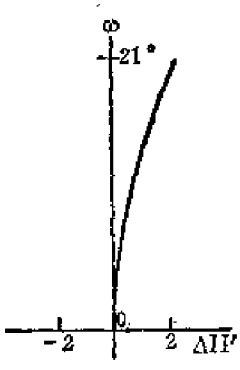
序号	r	d	n	v
1	142.70	28.79	1.6204	60.3
2	−182.70	12.52	1.7283	28.3
3	938.80	25.03	1.6204	60.3
4	−130.20	0.25		
5	60.08	26.29	1.5163	64.0
6	200.30	20.03		
7	−118.90	10.10	1.7283	28.3
8	118.90			

	ΣS_1	ΣS_2	ΣS_3	ΣS_4	ΣS_5	HI	QP(1ω)
	0	0.00001	0.00009	0.00033	0.10859	38.3	5.5%

h 或 ω %	l'_F	l'_D	LA′	OSC′	x'_t	x'_s	$x'_t-x'_s$	K'_{T1}	$K'_{T0.7}$	ΔH′
100	−137.5	∞	0.004	0	33.8	2.4	31.4	0.065	0.032	2.1
70			0.002	0	−1.5	0.4	−1.9	0.003	0.001	1.0



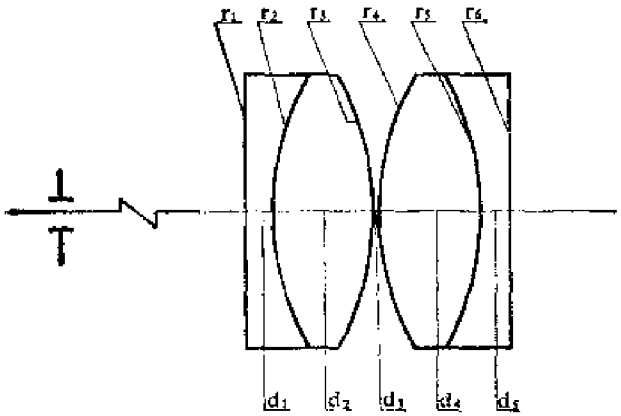




编号：08-01-070

对 称 目 镜

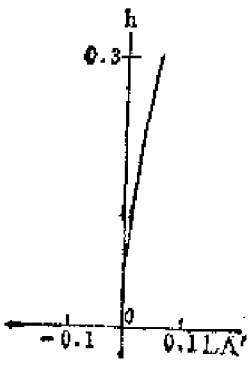
E.F.L＝1　　B.F.L＝0.750　　$\phi_{出}/2=0.3$　　F.A.＝±20°****

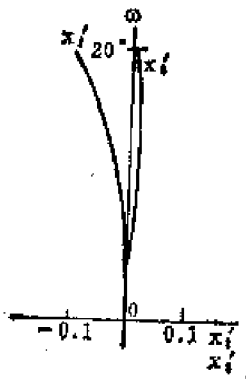


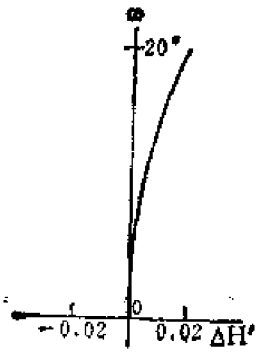
序号	r	d	n	ν
1	∞	0.091	1.6210	36.2
2	0.868	0.296	1.5170	64.5
3	−0.868	0.009	·	·
4	0.868	0.296	1.5170	64.5
5	−0.868	0.091	1.6210	36.2
6	∞			

	ΣS_1	ΣS_2	ΣS_3	ΣS_4	ΣS_5	HI	QP(1ω)
	0.0108	0.0005	−0.0044	0.0082	0.0065	0.36	5%

h 或 ω %	L_p'	l_p'	LA′	OSC′	x_t'	x_s'	$x_t'-x_s'$	K_{f1}'	$K_{f0.7}'$	ΔH′
100	−0.782**	30.5	0.065	0.002	−0.10	0.005	−0.105	0.164	−0.037	0.018
70			0.031	0.001	−0.026	0.007	−0.033	−0.021	−0.006	0.007



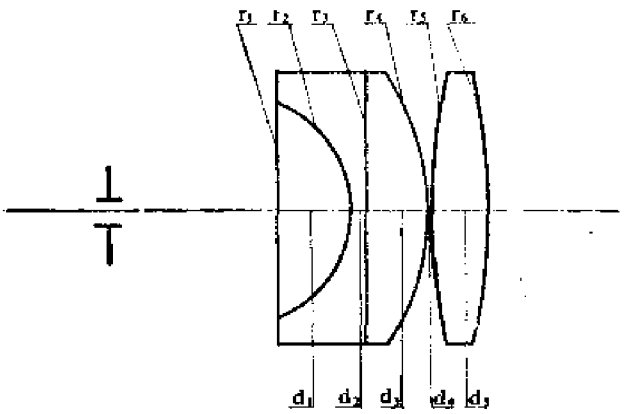




编号：08-01-071

目　　镜

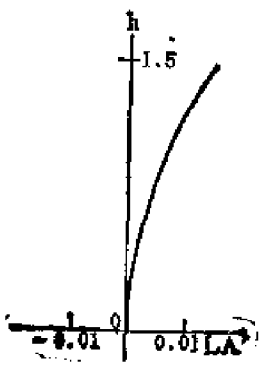
E.F.L＝103　　B.F.L＝95　　$\phi_{出}/2=1.5^{**}$　　F.A.＝±28°

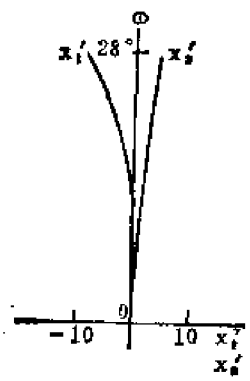


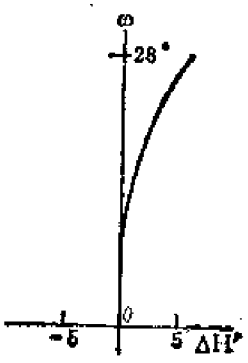
序号	r	d	n	v
1	∞	26.6	1.6053	43.6
2	−41.5	5.2	1.7200	29.3
3	∞	20.8	1.6170	55.0
4	−91.6	0.2		
5	214.4	20.8	1.6170	55.0
6	−214.4			

	ΣS_1	ΣS_2	ΣS_3	ΣS_4	ΣS_5	HI	QP(1ω)
	0	0.00003	−0.00166	0.00427	0.17139	53.1	10%

h 或 ω %	L_p	l'_p	LA′	OSC′	x'_t	x'_s	$x'_t-x'_s$	K'_{T1}	$K'_{T0.7}$	ΔH′
100	−60.4	∞	0.015	0	−9.1	3.6	−12.7	−0.018	−0.009	5.4
70			0.007	0	−1.8	2.2	−4.0	−0.002	−0.001	1.8



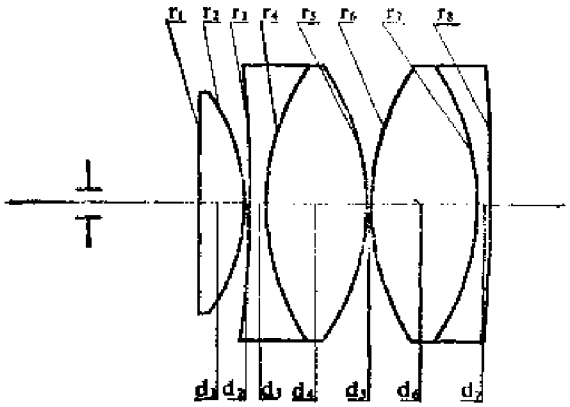




编号：08-01-072

目　　镜

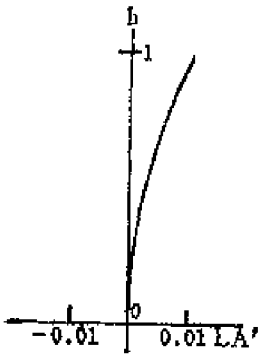
E.F.L＝99.8　　B.F.L＝47.9　　$\phi_{出}/2=i^{**}$　　F.A.＝±20°**

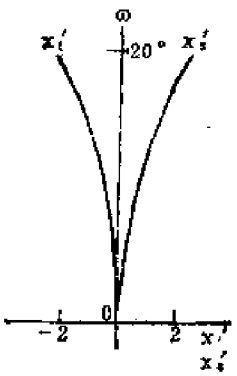


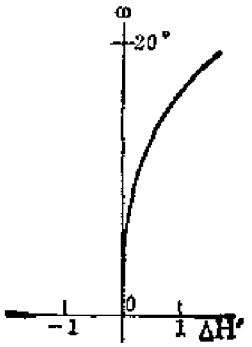
序号	r	d	n	v
1	∞	21.16	1.5308	58.0
2	－99.4	1.32		
3	－429.9	6.61	1.6489	33.8
4	129.7	52.91	1.5308	58.0
5	－129.7	1.32		
6	129.7	52.91	1.5308	58.0
7	－129.7	6.61	1.6489	33.8
8	－768.1			

	ΣS_1	ΣS_2	ΣS_3	ΣS_4	ΣS_5	HI	QP(1ω)
	0	0.00001	－0.00048	0.00102	0.01822	36.4	4.4%

h或ω%	$J_{/p}$	J'_p	LA′	OSC′	x'_1	x'_3	$x'_1-x'_3$	K'_{T1}	$K'_{To.7}$	ΔH′
100	－56	4246	0.010	0	－2.3	2.4	－4.7	0.0019	0.0010	1.6
70			0.005	0	－1.1	1.2	－2.3	0.0014	0.0007	0.5



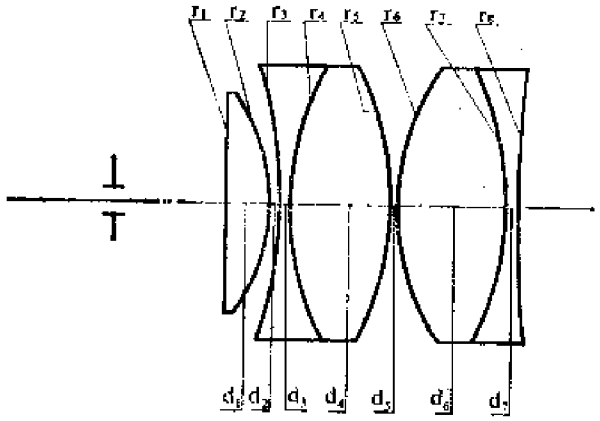




编号：08-01-073

目　镜

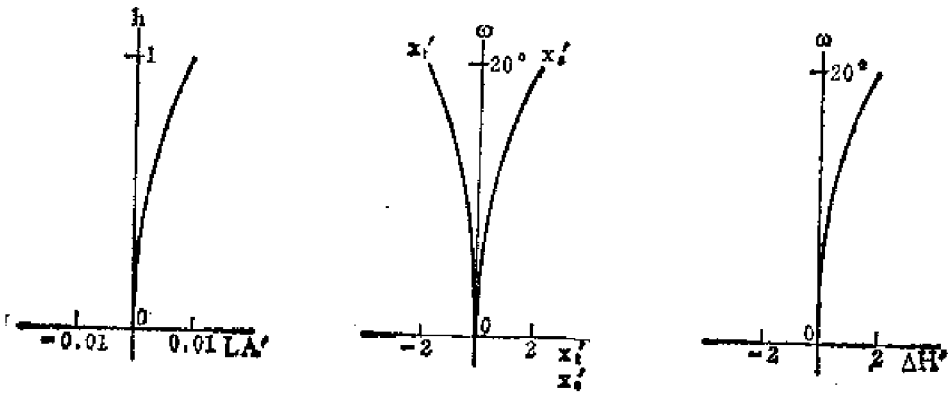
E.F.L=99.8　　B.F.L=48.6　　$\phi_{出}/2=1^{**}$　　F.A.=±20° **



序号	r	d	n	ν
1	∞	21.16	1.5308	58.0
2	−99.2	1.32		
3	−313.5	6.61	1.6489	33.8
4	146.0	52.91	1.5899	60.8
5	−146.0	1.32		
6	130.6	52.91	1.5899	60.8
7	−165.3	6.61	1.6489	33.8
8	1526.5			

	ΣS_1	ΣS_2	ΣS_3	ΣS_4	ΣS_5	HI	QP(1ω)
	0	0.00001	−0.00045	0.00094	0.02274	36.4	5%

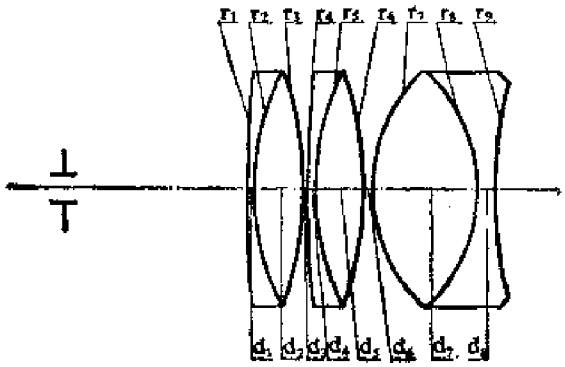
h 或 ω %	l_{-p}	l'_p	LA′	OSC′	x'_t	x'_s	$x'_t-x'_s$	K'_{T1}	$K'_{T0.7}$	ΔH′
100	−56	−5539	0.009	0	−1.96	2.27	−4.23	0.0016	0.0008	1.8
70			0.004	0	−0.95	1.13	−2.08	0.0011	0.0006	0.6



编号：08-01-074

长工作距离目镜

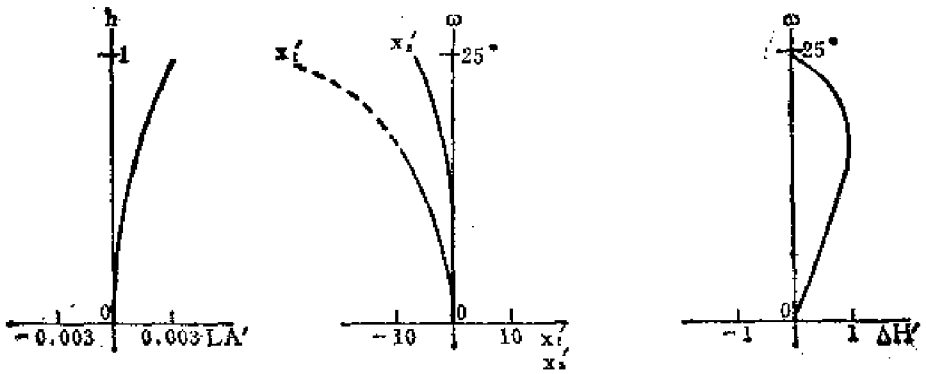
E.F.L＝100　　B.F.L＝40.8　　$\phi_{出}/2=1^{**}$　　F.A.＝±25°



序号	r	d	n	v
1	857.4	3.0	1.5174	52.2
2	148.2	24.0	1.5173	69.6
3	−186.0	0.6		
4	857.4	3.0	1.5174	52.2
5	148.2	24.0	1.5173	69.6
6	−186.0	1.8		
7	83.4	55.8	1.5173	69.6
8	−83.4	7.8	1.6989	30.0
9	256.8			

	ΣS_1	ΣS_2	ΣS_3	ΣS_4	ΣS_5	HI	QP(1ω)
	0	−0.00001	−0.00136	0.00132	0.08790	46.6	−0.2%

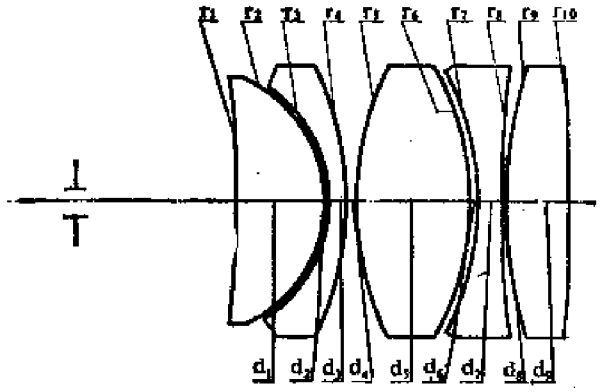
h 或 ω %	L_P	l'_P	LA′	OSC′	x'_1	x'_2	$x'_1-x'_2$	K'_{T1}	$K'_{T0.7}$	ΔH′
100	−91.4	−∞	0.003	0	−113.4	−6.7	−106.7	−0.025	−0.012	−0.09
70			0.001	0	−11.0	−0.9	−10.1	−0.003	−0.001	0.95



编号：08-01-075

塑料-玻璃目镜

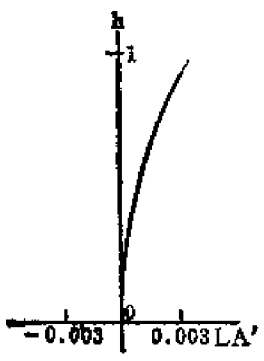
E.F.L＝100　　B.F.L＝59.35　　$\phi_{出}/2=1^{**}$　　F.A.＝±24°

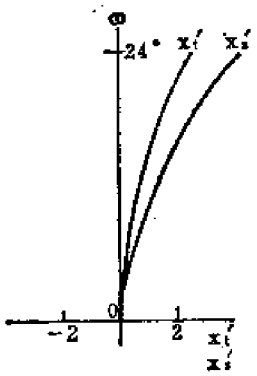


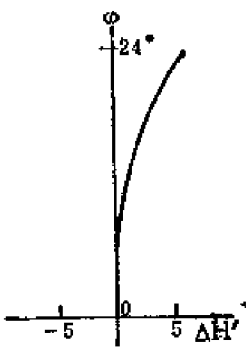
序号	r	d	n	v
1	−442.44	29.533	1.49168	57.4
2	−50.96	0.738		
3	−50.96	8.860	1.59028	30.9
4	−106.74	1.477		
5	107.94	42.144	1.61100	58.8
6	−107.94	1.004		
7	−103.04	8.860	1.59028	30.9
8	427.94	1.476		
9	165.58	21.618	1.49168	57.4
10	−942.14			

	ΣS_1	ΣS_2	ΣS_3	ΣS_4	ΣS_5	HI	QP(1ω)
	0	0	−0.00037	0.00135	0.13135	44.5	14%

h 或 ω %	L_P	l'_P	LA′	OSC′	x'_t	x'_s	$x'_t-x'_s$	K'_{T1}	$K'_{T0.7}$	ΔH′
100	−73.83	1000	0.003	0	2.35	4.44	−2.09	−0.002	−0.001	6.3
70			0.001	0	1.14	2.20	−1.06	0	0	2.0



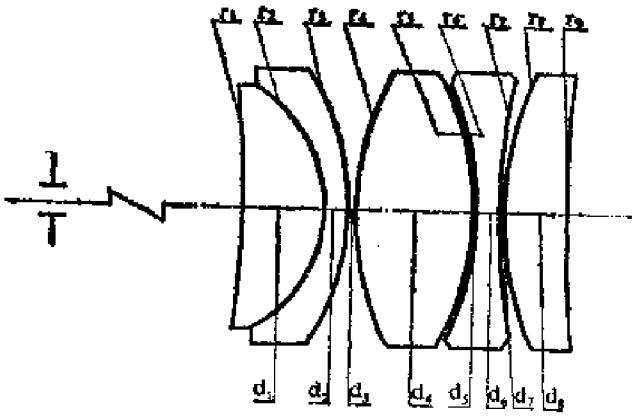




编号：08-01-076

塑料-玻璃目镜

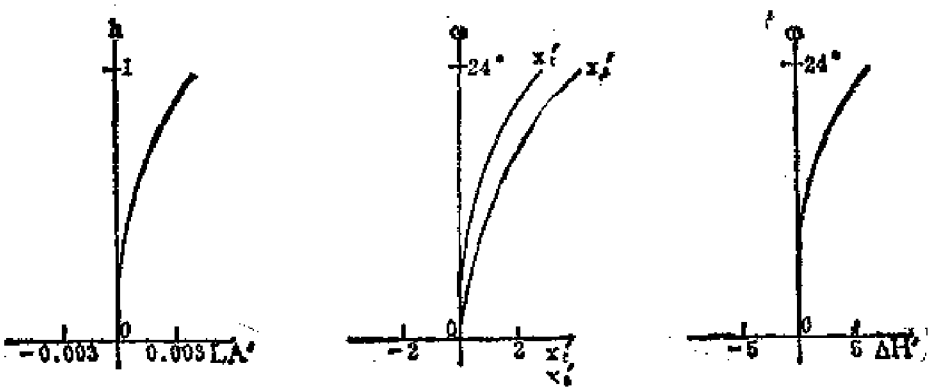
E.F.L＝100　　B.F.L＝59.05　　$\phi_{th}/2=1^{**}$　　F.A.＝±24°



序号	r	d	n	v
1	－292.570	29.220	1.49168	57.4
2	－51.237	8.860	1.59028	30.9
3	－93.124	1.477		
4	106.740	42.203	1.61100	58.8
5	－106.740	0.791		
6	－103.660	8.860	1.59028	30.9
7	250.960	1.477		
8	123.820	21.790	1.49168	57.4
9	1059.800			

	ΣS_1	ΣS_2	ΣS_3	ΣS_4	ΣS_5	HI	QP(1ω)
	0	0	－0.0003	0.0012	0.1314	44.5	13.8%

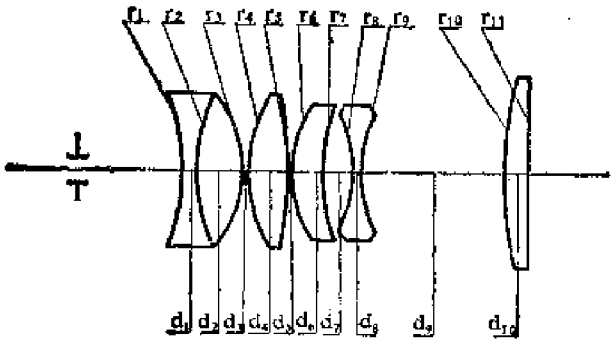
k 或 ω %	L_p	l'_p	LA′	OSC′	x'_t	x'_s	$x'_t-x'_s$	K'_{T1}	$K'_{T0.7}$	ΔH′
100	－73.83	1467	0.003	0	2.73	4.27	－1.54	－0.0001	0	6.2
70			0.001	0	1.06	2.13	－1.07	－0.0001	0	2.0



编号：08-01-077

五组元显微镜目镜

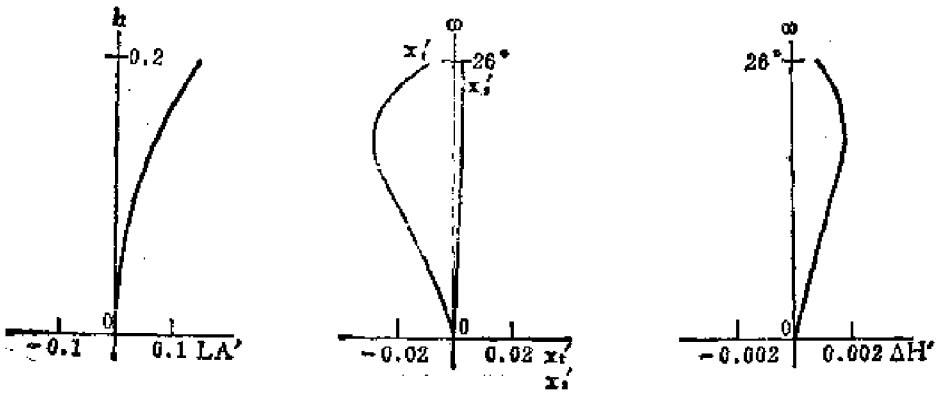
E.F.L＝1　　B.F.L＝－1.15　　$\phi_{IR}/2=0.2^{**}$　　F.A.＝±26°



序号	r	d	n	ν
1	－1.4270	0.1005	1.78472	25.76
2	1.4776	0.3258	1.69680	56.15
3	－0.8693	0.0040		
4	1.0134	0.3075	1.73350	51.65
5	－3.2270	0.0047		
6	0.8693	0.2220	1.73350	51.65
7	1.3295	0.1751		
8	－1.0433	0.0796	1.78472	25.76
9	1.0433	1.0339		
10	2.4548	0.1592	1.69680	56.15
11	∞			

	ΣS_1	ΣS_2	ΣS_3	ΣS_4	ΣS_5	HI	QP(1ω)
	0.0088	－0.0026	－0.0006	0.0017	0.0061	0.48	0.25%

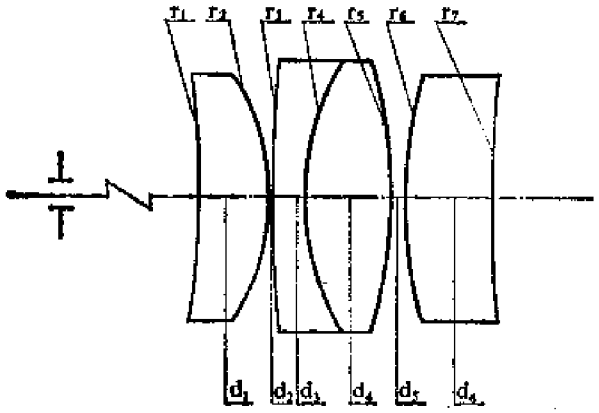
h 或 ω %	L_p	l_F'	LA′	OSC′	x_t'	x_s'	$x_t'-x_s'$	K_{T1}'	$K_{T0.7}'$	ΔH′
100	－0.742	19.8	0.13	－0.015	－0.009	0.002	－0.011	0.238	0.125	0.001
70			0.06	－0.007	－0.030	0.0009	－0.0309	0.001	－0.001	0.002



编号：08-01-078

长工作距离目镜

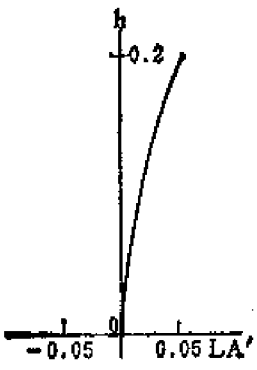
E.F.L＝1　　B.F.L＝0.676　　$\phi_{出}/2=0.2^{**}$　　F.A.＝±25°

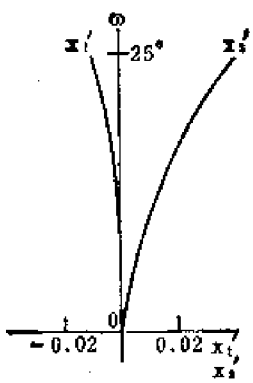


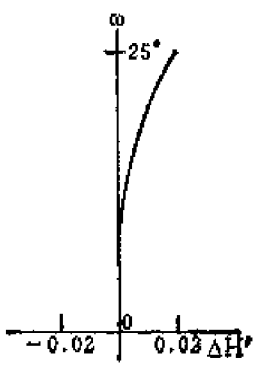
序号	r	d	n	v
1	－3.0924	0.2408	1.58800	61.19
2	－0.8399	0.0040		
3	6.7853	0.1204	1.78600	25.52
4	0.9932	0.3090	1.58800	61.19
5	－2.1120	0.0040		
6	1.4710	0.3210	1.58800	61.19
7	6.7853			

	ΣS_1	ΣS_2	ΣS_3	ΣS_4	ΣS_5	HI	QP(1ω)
	0.0044	0.0032	－0.0021	0.0059	0.0097	0.46	3.9%

h 或 ω %	L_p	l'_p	LA′	OSC′	x'_t	x'_s	$x'_t-x'_s$	K'_{T_1}	$K'_{T_{0.7}}$	ΔH′
100	－0.773	13.8	0.057	0.019	－0.01	0.04	－0.05	0.027	0.012	0.018
70			0.028	0.009	－0.003	0.022	－0.025	0.018	0.008	0.006



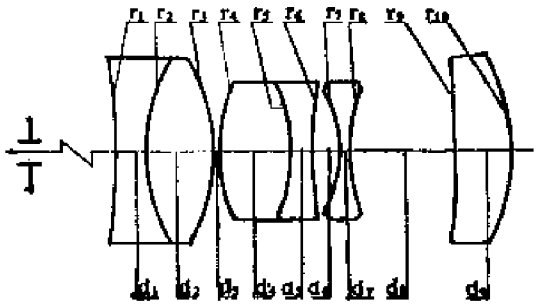




编号：08-01-079

四组元显微镜目镜

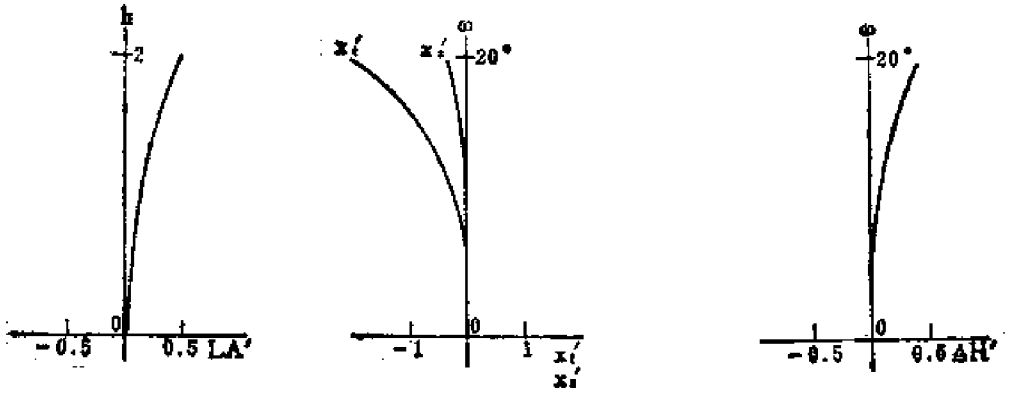
E.F.L＝39.66　　B.F.L＝－15.9　　$\phi_{出}/2=2^{\circ\circ}$　　F.A.＝±20°



序号	r	d	n	v
1	－86.40	4.000	1.60140	38.23
2	25.03	10.107	1.73350	51.65
3	－25.03	0.200		
4	25.03	10.107	1.73350	51.65
5	－25.03	4.000	1.60140	38.23
6	86.40	3.074		
7	－17.00	1.500	1.74077	27.68
8	28.72	15.342		
9	－330.03	8.000	1.69780	56.15
10	－26.47			

	ΣS_1	ΣS_2	ΣS_3	ΣS_4	ΣS_5	HI	QP(1∞)
	0.0025	0.0016	－0.0014	0.0017	0.0694	14.5	2.9%

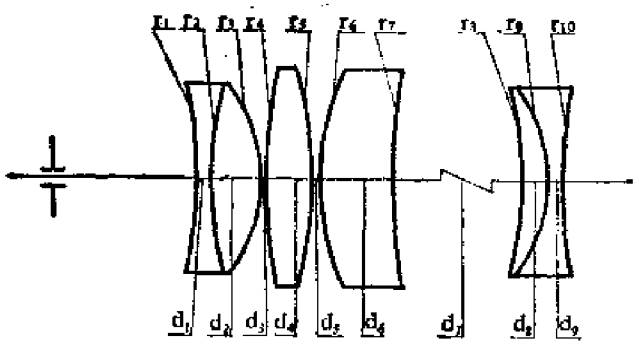
h 或 ω %	L_p	l'_p	LA′	OSC′	x'_t	x'_s	$x'_t-x'_s$	K'_{T1}	$K'_{T0.7}$	ΔH′
100	－18.64	504	0.49	0.0011	－1.99	－0.25	－1.74	0.125	0.056	0.43
70			0.24	0.0005	－0.58	－0.04	－0.54	0.048	0.022	0.19



编号：08-01-080

四组元显微镜目镜

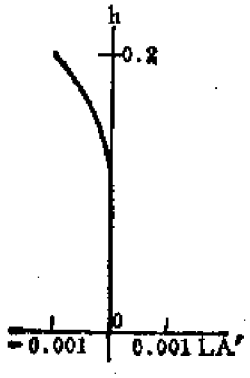
E.F.L＝1　　B.F.L＝－1.59　　$\phi_{出}/2=0.2^{**}$　　F.A.＝±26°

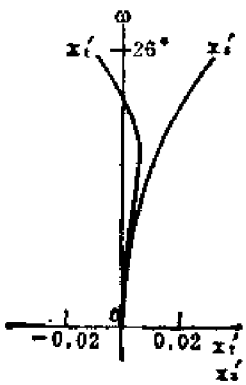


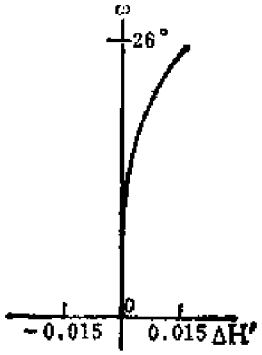
序号	r	d	n	ν
1	－3.6762	0.1117	1.78472	25.8
2	2.4344	0.3421	1.62090	60.3
3	－1.1342	0.0310		
4	9.1404	0.3064	1.62090	60.3
5	－2.7550	0.9310		
6	1.9143	0.5283	1.62090	60.3
7	4.2864	2.5667		
8	－2.3750	0.1551	1.78472	25.8
9	－1.1829	0.1117	1.51742	52.2
10	13.3015			

	ΣS_1	ΣS_2	ΣS_3	ΣS_4	ΣS_5	HI	QP(1ω)
	0.00003	0.00238	－0.00029	0.00338	0.00931	0.48	2.9%

h 或 ω %	L_p	l'_p	LA′	OSC′	x'_t	x'_s	$x'_t-x'_s$	K'_T	$K'_{T0.7}$	ΔH′
100	－1.023	30.9	－0.0009	0.012	－0.011	0.031	－0.042	0.008	0.004	0.014
70			－0.0001	0.006	0.007	0.016	－0.009	0.009	0.004	0.005



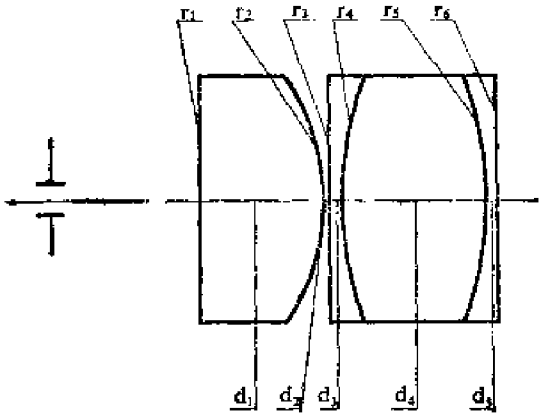




编号：08-01-081

目　镜

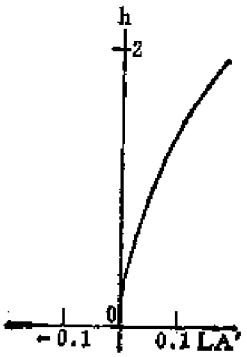
E.F.L=50.47　　B.F.L=32.78　　$\phi_{出}/2=2$ **　　F.A.=±20° **

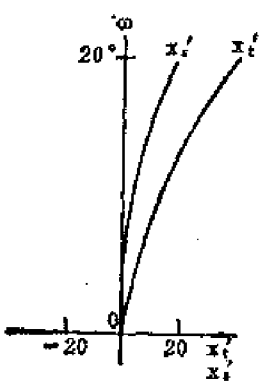


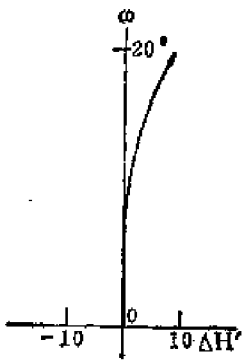
序号	r	d	n	v
1	∞	22	1.7880	50.4
2	-40	1		
3	∞	2	1.7842	57.0
4	60	26	1.7880	50.4
5	-60	2	1.7842	57.0
6	∞			

	ΣS_1	ΣS_2	ΣS_3	ΣS_4	ΣS_5	HI	QP(1ω)
	0.0006	0.0053	0.0462	0.0059	0.4988	18.4	46%

h 或 ω %	l_p	l'_p	LA′	OSC′	x'_t	x'_s	$x'_t-x'_s$	K'_{T1}	$K'_{T0.7}$	ΔH′
100	-57.15	166	0.192	0.003	40.4	17.9	22.5	0.856	0.416	8.6
70			0.036	0.001	20.8	8.1	12.7	0.240	0.119	2.4



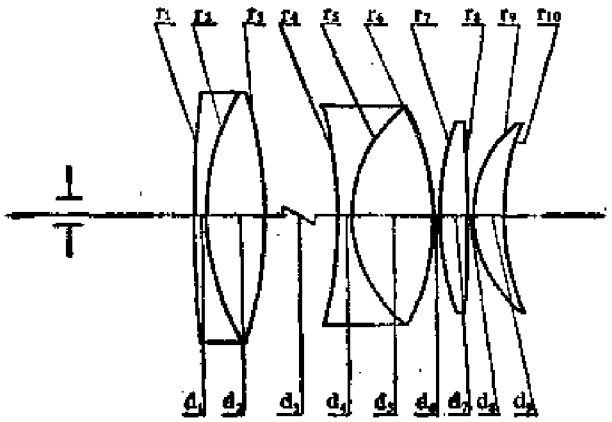




编号：08-01-082

目　　镜

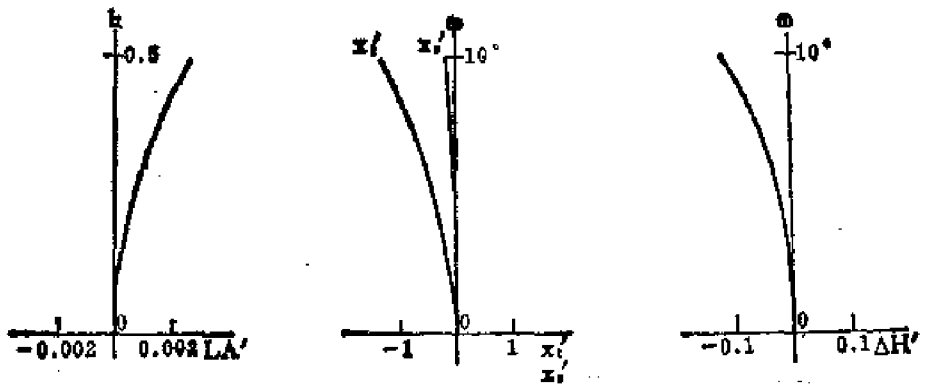
E.F.L＝25.66　　B.F.L＝10.5　　$\phi_{出}/2=0.5$　　F.A.＝±10°**



序号	r	d	n	v
1	161.0	1.5	1.6204	60.3
2	30.0	6.5	1.6259	35.6
3	－48.7	22.0		
4	－51.9	1.8	1.7174	29.5
5	16.9	9.8	1.5891	61.2
6	－30.7	0.3		
7	30.7	3.5	1.5891	61.2
8	－240.3	0.3		
9	15.0	3.5	1.5891	61.2
10	28.8			

	ΣS_1	ΣS_2	ΣS_3	ΣS_4	ΣS_5	HI	QP(1ω)
	0	0	－0.0003	0.0002	－0.0038	4.5	－3%

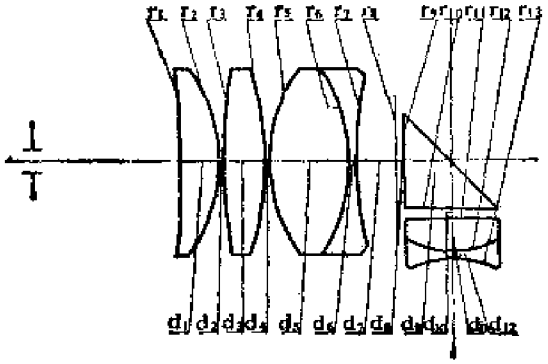
h 或 ω %	L_p	l'_p	LA′	OSC′	x'_t	x'_s	$x'_t-x'_s$	K'_{T1}	$K'_{T0.7}$	ΔH′
100	－14.6	30.1	0.002	0	－1.36	－0.15	－1.21	－0.0007	－0.0003	－0.13
70			0.001	0	－0.58	－0.06	－0.52	－0.0002	－0.0001	－0.04



编号：08-01-083

广 角 目 镜

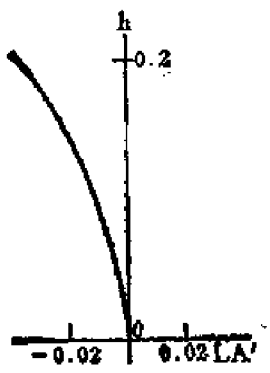
E.F.L＝1英寸　　B.F.L＝－0.93　　$\phi_{出}/2=0.2^{**}$　　F.A.＝±32°

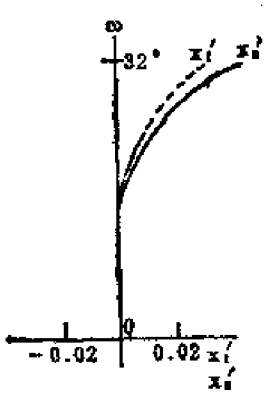


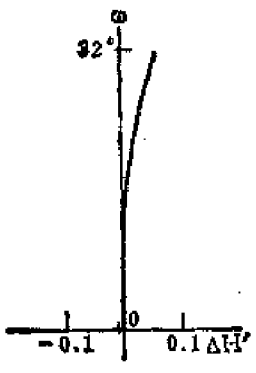
序号	r	d	n	v
1	－17.580	0.470	1.620	60.3
2	－1.969	0.011		
3	7.859	0.486	1.620	60.3
4	－3.317	0.011		
5	2.110	0.945	1.620	60.3
6	－2.110	0.107	1.751	27.8
7	3.881	0.465		
8	∞	0.090		
9	∞	1.744	1.649	33.8
10	∞	0.048		
11	5.634	0.412	1.751	27.8
12	－1.245	0.097	1.620	60.3
13	1.146			

	ΣS_1	ΣS_2	ΣS_3	ΣS_4	ΣS_5	HI	QP(1ω)
	－0.0031	0.0059	－0.0041	0.0025	0.0407	0.62	11%

h 或 ω %	L_p	l'_p	LA′	OSC′	x'_1	x'_2	$x'_1-x'_2$	K'_{T1}	$K'_{T0.7}$	ΔH′
100	－1.786	6.1	－0.04	0.025	0.14	0.042	0.098	0.033	0.017	0.072
70			－0.02	0.012	0.006	0.008	－0.002	0.025	0.012	0.024



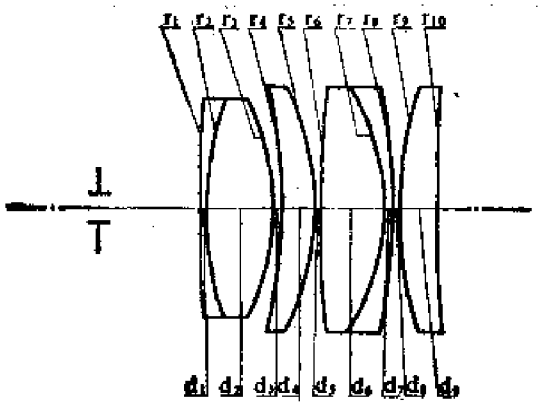




编号：08-01-084

广角目镜

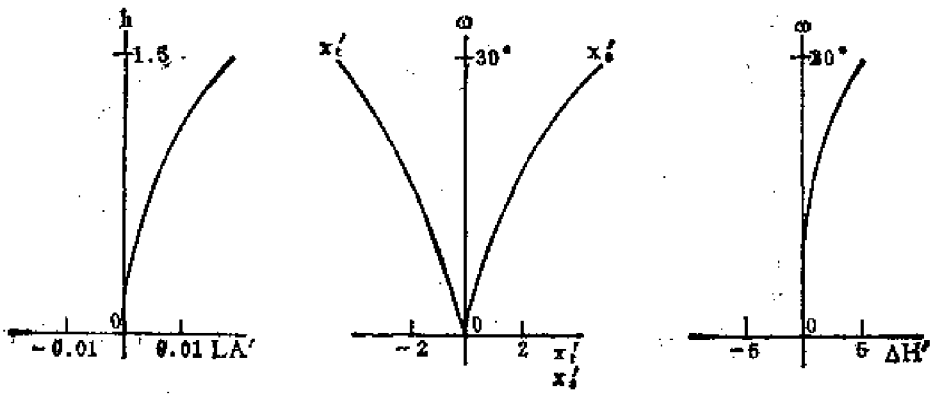
E.F.L＝100　　B.F.L＝61.7　　$\phi_{出}/2=1.5^{**}$　　F.A.＝±30°**



序号	r	d	n	v
1	1371.542	4.76	1.80518	25.5
2	216.294	40.46	1.62280	56.9
3	－150.440	0.48		
4	－471.311	20.47	1.64000	60.2
5	－154.867	0.48		
6	580.501	37.13	1.62041	60.3
7	－142.419	5.71	1.80518	25.5
8	－405.552	0.48		
9	214.200	23.80	1.62041	60.3
10	1190.000			

	ΣS_1	ΣS_2	ΣS_3	ΣS_4	ΣS_5	HI	QP(1ω)
	0	0.00006	－0.00281	0.00529	0.19557	57.7	9%

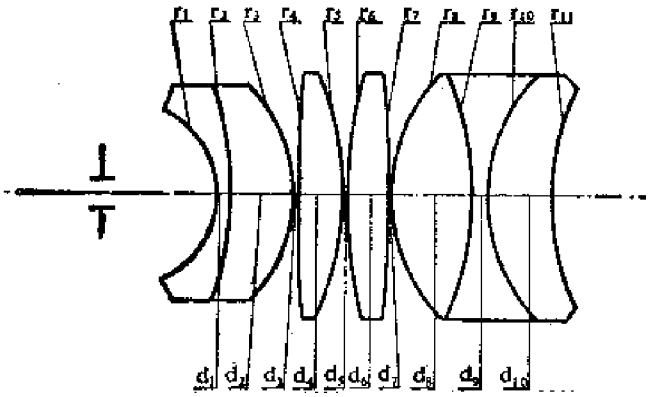
h 或 ω%	L_P	l'_P	LA′	OSC′	x'_t	x'_s	$x'_t-x'_s$	K'_{T1}	$K'_{T0.7}$	ΔH′
100	－60**	1689	0.019	0	－5.2	5.1	－10.3	0.005	0.002	5.2
70			0.009	0	－2.7	2.4	－5.1	0.004	0.002	1.7



编号：08-01-085

30× 放大镜

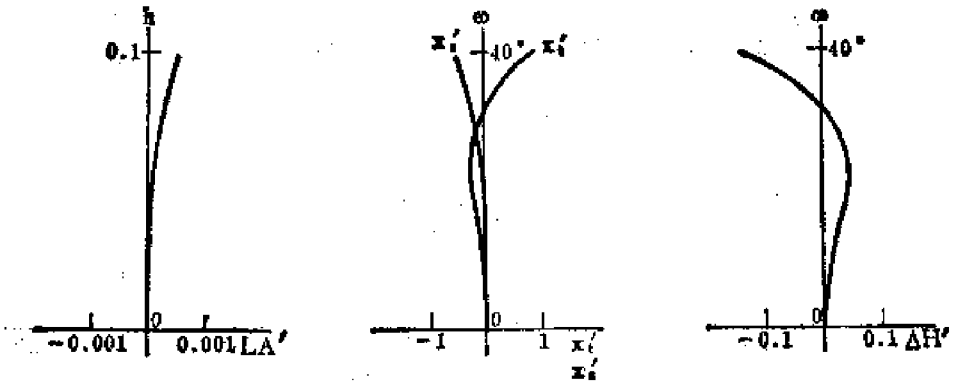
E.F.L＝0.99　　B.F.L＝0.468　　$\phi_{像}/2=0.1^{**}$　　F.A.＝±40°**



序号	r	d	n	v
1	－0.659	0.098	1.857	32.9
2	－2.573	0.490	1.792	50.2
3	－1.121	0.012		
4	10.950	0.300	1.694	54.6
5	－2.196	0.012		
6	3.720	0.300	1.694	54.6
7	－6.468	0.012		
8	1.324	0.564	1.623	60.1
9	－2.279	0.110	1.768	26.8
10	1.293	0.459	1.623	60.1
11	1.719			

	ΣS_1	ΣS_2	ΣS_3	ΣS_4	ΣS_5	HI	QP(1ω)
	0.00001	－0.00004	－0.00104	0.00073	0.06684	0.83	－17%

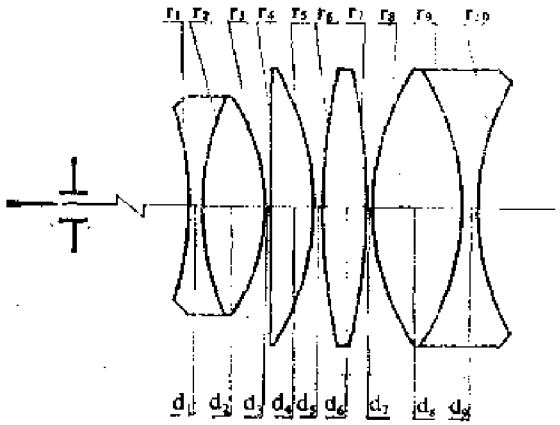
h或ω%	L_p	l'_p	LA′	OSC′	x'_t	x'_s	$x'_t-x'_s$	K'_{L1}	$K'_{T0.7}$	ΔH′
100	－0.85	3.82	0.0005	－0.0002	0.94	－0.47	1.41	0.531	－0.042	－0.14
70			0.0002	－0.0001	－0.17	－0.02	－0.15	－0.002	－0.001	0.04



编号：08-01-086

广 角 目 镜

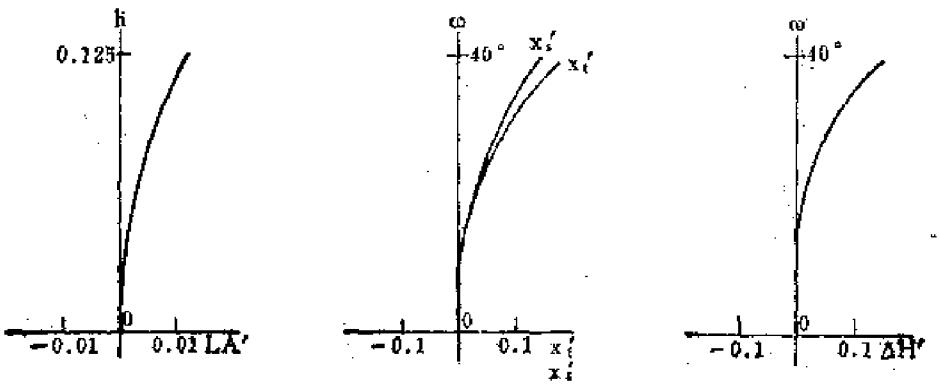
E.F.L＝1英寸　　B.F.L＝0.326　　$\phi_{像}/2=0.125^{**}$　　F.A.＝±40°



序号	r	d	n	v
1	－2.808	0.107	1.639	33.8
2	2.018	0.461	1.620	60.3
3	－1.346	0.009		
4	∞	0.399	1.620	60.3
5	－1.875	0.009		
6	4.706	0.337	1.620	60.3
7	－4.786	0.009		
8	1.875	0.639	1.620	60.3
9	－1.875	0.133	1.639	33.8
10	1.875			

	ΣS_1	ΣS_2	ΣS_3	ΣS_4	ΣS_5	HI	QP(1ω)
	0.00038	0.00123	－0.00035	0.00541	0.05268	0.84	17.9%

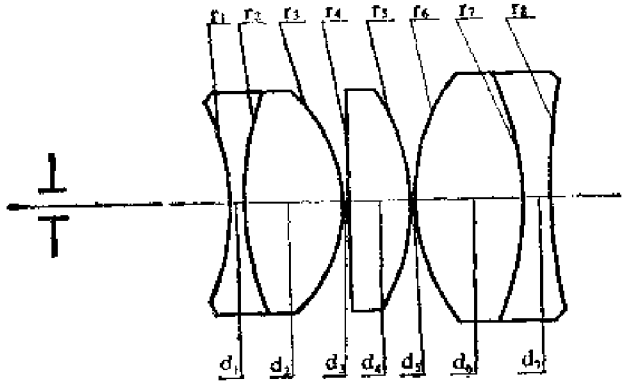
h 或 ω %	L_p	l'_p	LA′	OSC′	x'_t	x'_s	$x'_t-x'_s$	K'_{T1}	$K'_{T0.7}$	ΔH′
100	－0.8**	4.4	0.012	0.005	0.17	0.14	0.03	0.0077	0.0039	0.15
70			0.006	0.003	0.07	0.06	0.01	0.0082	0.0041	0.04



编号：08-01-087

双目望远镜目镜

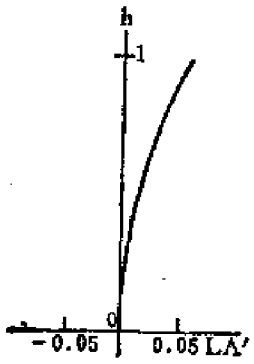
E.F.L=28.26　　B.F.L=14.22　　$\phi_{出}/2=$;** ·　　F.A.=±10°**

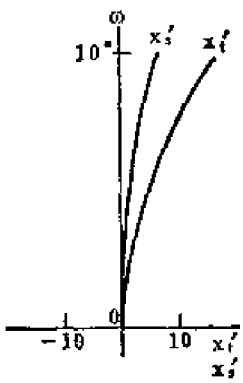


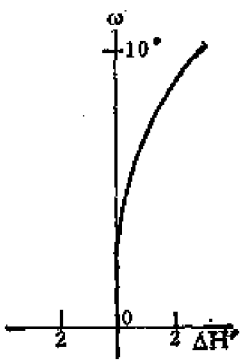
序号	r	d	n	v
1	-34.82	2.00	1.689	30.9
2	45.10	14.50	1.517	64.5
3	-21.23	0.40		
4	∞	8.77	1.517	64.5
5	-31.87	0.40		
6	31.33	15.11	1.611	58.8
7	-44.41	4.19	1.689	30.9
8	77.57			

	ΣS_1	ΣS_2	ΣS_3	ΣS_4	ΣS_6	HI	QP(1ω)
	0.0002	0.0021	0.0210	0.0006	0.2182	4.1	74%

h 或 ω %	l_p	l'_p	LA′	OSC′	x'_t	x'_s	$x'_t-x'_s$	K'_{f_1}	$K'_{f_{0.7}}$	ΔH′
100	-63.97	24.2	0.05	0.006	16.6	6.3	10.3	0.158	0.078	3.07
70			0.02	0.003	8.5	3.0	5.5	0.076	0.038	0.97



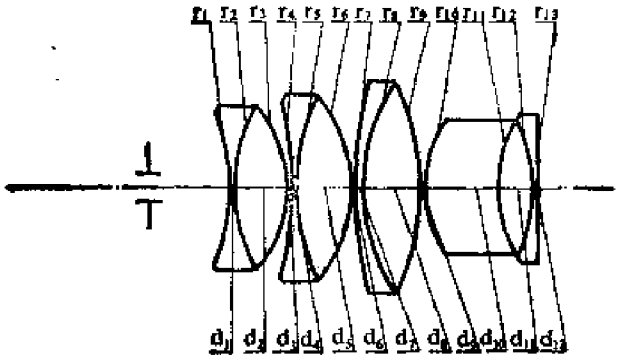




编号：08-01-088

广 角 目 镜

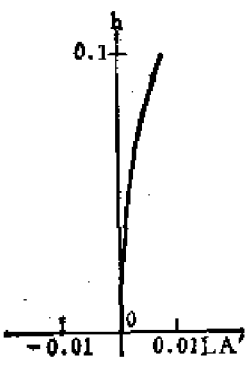
E.F.L＝1　　B.F.L＝0.088　　$\phi_{像}/2=0.1^{**}$　　F.A.＝±30°

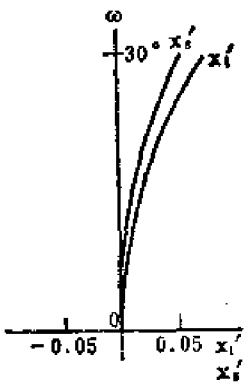


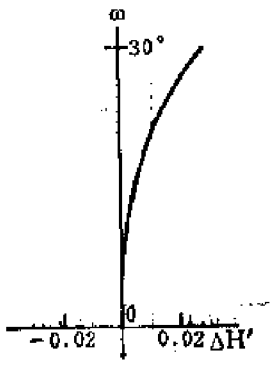
序号	r	d	n	ν
1	−1.873	0.044	1.65336	33.7
2	1.951	0.500	1.58867	61.2
3	−1.295	0.001		
4	−3.919	0.044	1.65336	33.7
5	2.511	0.563	1.58867	61.2
6	−1.521	0.001		
7	4.177	0.050	1.65336	33.7
8	1.937	0.619	1.58867	61.2
9	−2.403	0.001		
10	1.293	0.754	1.62344	56.2
11	1.418	0.314		
12	−1.800	0.050	1.58867	61.2
13	∞			

	ΣS_1	ΣS_2	ΣS_3	ΣS_4	ΣS_5	HI	QP(1ω)
	0.00015	0.00052	0.00023	0.00084	0.00971	0.57	4.9%

h 或 ω %	L_p	l'_p	LA′	OSC′	x'_t	x'_s	$x'_t-x'_s$	K'_{T1}	$K'_{T0.7}$	ΔH′
100	−0.8**	4.7	0.007	0.004	0.075	0.047	0.028	0.007	0.003	0.026
70			0.003	0.002	0.035	0.023	0.012	0.005	0.002	0.012



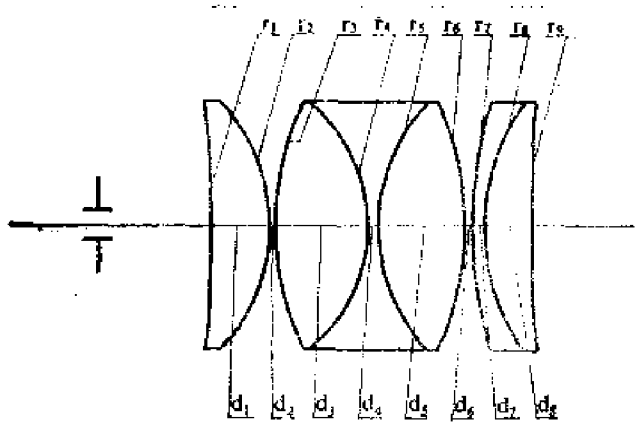




编号：08-01-089

广角目镜

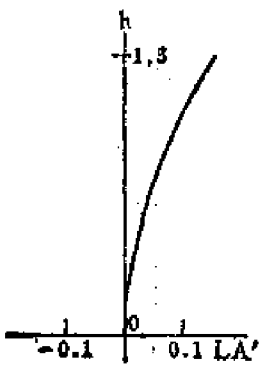
E.F.L=14.78　　B.F.L=4.18　　$\phi_R/2=1.5$　　F.A.=±30°

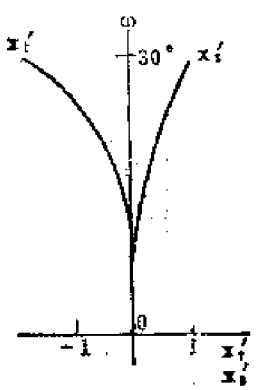


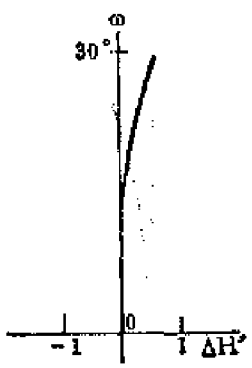
序号	r	d	n	v
1	−82.86	4.2	1.6444	35.7
2	−13.07	0.1		
3	20.73	6.6	1.5095	59.4
4	−11.64	0.9	1.6734	32.0
5	12.84	6.6	1.5095	59.4
6	−19.26	0.1		
7	31.70	1.0	1.6235	39.1
8	15.73	3.3	1.5660	42.9
9	131.70			

	ΣS_1	ΣS_2	ΣS_3	ΣS_4	ΣS_5	HI	QP(1ω)
	0.0033	0.0029	−0.0160	0.0422	0.2014	8.5	8%

h 或 ω%	L_p	l'_p	LA′	OSC′	x'_t	x'_s	$x'_t-x'_s$	K'_{T1}	$K'_{f0.7}$	ΔH′
100	−8	−519	0.163	0.0017	−1.8	0.9	−2.7	−0.015	−0.007	0.68
70			0.081	0.0008	−0.29	0.50	−0.79	0.019	0.009	0.26



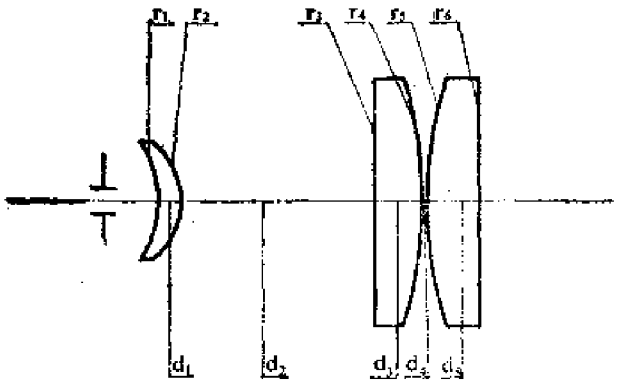




编号：08-01-090

适用于目镜和物镜的光学系统

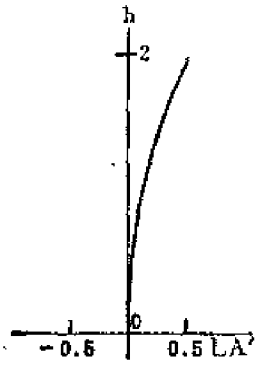
E.F.L＝100　　B.F.L＝8.7　　$\phi_{ik}/2=2^{**}$　　F.A.＝±42°

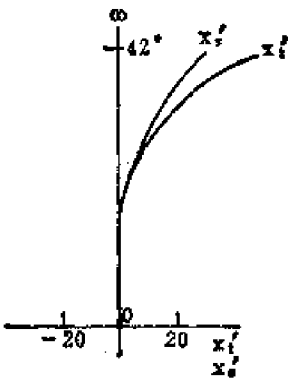


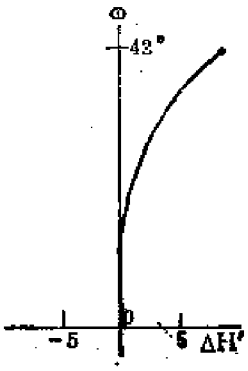
序号	r	d	n	ν
1	−50.0	11.0	1.638	55.5
2	−32.6	84.7		
3	∞	23.6	1.520	62.0
4	−185.7	0.4		
5	185.7	23.6	1.520	62.0
6	∞			

	ΣS_1	ΣS_2	ΣS_3	ΣS_4	ΣS_5	HI	QP(1ω)
	0.0004	0.0021	−0.0024	0.0261	0.4769	90.3	8.8%

h 或 ω %	L_p	l'_p	LA′	OSC′	x'_t	x'_s	$x'_t-x'_s$	K'_{T1}	$K'_{T0.7}$	ΔH′
100	−24**	−975	0.508	0.0006	50.9	29.0	21.9	0.115	0.057	7.9
70			0.253	0.0003	12.7	11.6	1.1	0.088	0.044	2.5



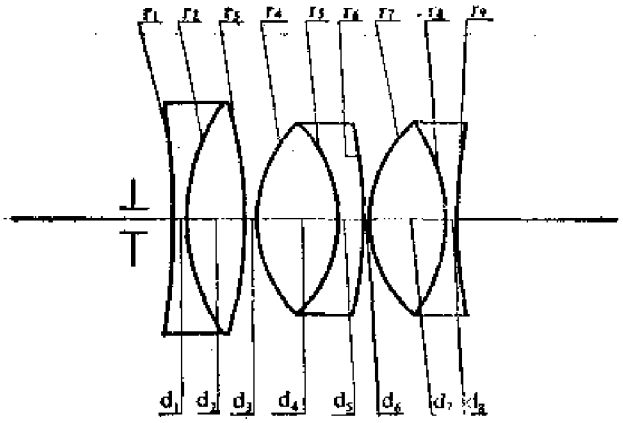




编号：08-01-091

广角大孔径目镜

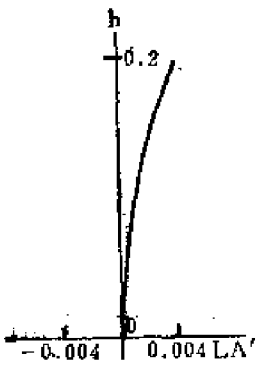
E. F. L＝1　　B. F. L＝0.286　　$\phi_{出}/2=0.2^{**}$　　F. A. ＝±30° **

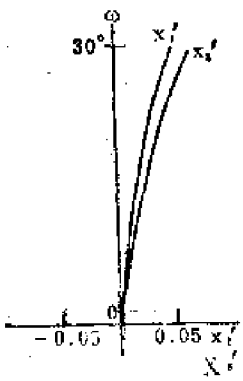


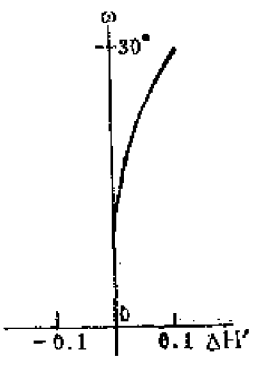
序号	r	d	n	v
1	－12.600	0.191	1.723	38.0
2	1.442	0.394	1.624	47.0
3	－2.540	0.101		
4	1.013	0.546	1.560	61.2
5	－1.035	0.191	1.785	25.8
6	－3.320	0.010		
7	0.893	0.540	1.540	59.7
8	－1.191	0.050	1.805	25.5
9	3.750			

	ΣS_1	ΣS_2	ΣS_3	ΣS_4	ΣS_5	HI	QP(1ω)
	0.00033	－0.00142	0.00011	0.00933	0.03416	0.57	21%

h 或 ω %	L_p	l'_p	LA′	OSC′	x'_t	x'_s	$x'_t-x'_s$	K_{T1}	$K_{T0.7}$	ΔH′
100	－0.215	－2.4	0.004	－0.006	0.05	0.07	－0.02	－0.009	－0.002	0.12
70			0.002	－0.003	0.03	0.04	－0.01	－0.006	－0.003	0.04



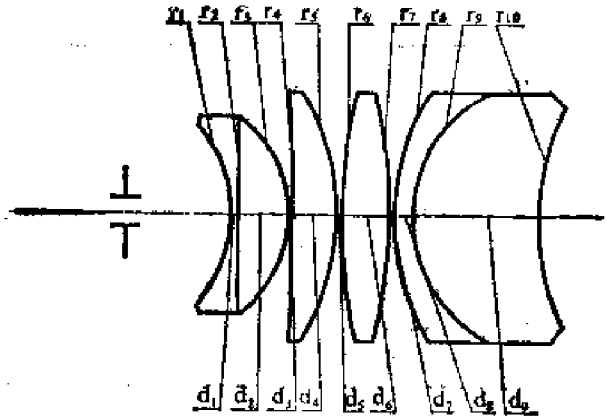




编号：08-01-092

广 角 目 镜

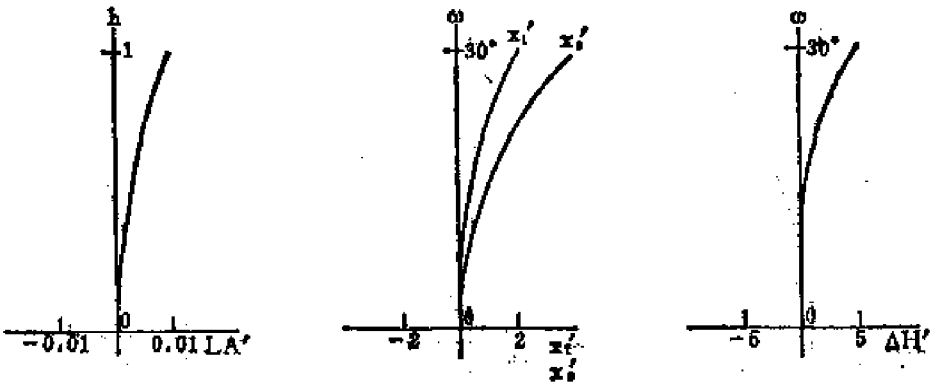
E. F. L＝100　　B. F. L＝29　　$\phi_{出}/2=1^{**}$　　F. A. ＝±30°**



序号	r	d	n	v
1	－101.5	4.3	1.6989	30.1
2	∞	35.7	1.6138	56.3
3	－91.4	0.6		
4	－2186.0	31.4	1.6138	56.3
5	－174.0	0.6		
6	373.0	34.3	1.6138	56.3
7	－449.0	0.6		
8	180.0	14.3	1.6433	47.8
9	98.0	88.6	1.5750	41.3
10	170.7			

	ΣS_1	ΣS_2	ΣS_3	ΣS_4	ΣS_5	HI	QP(1ω)
	0	0.00004	－0.00027	0.00125	0.12473	57.7	8.9%

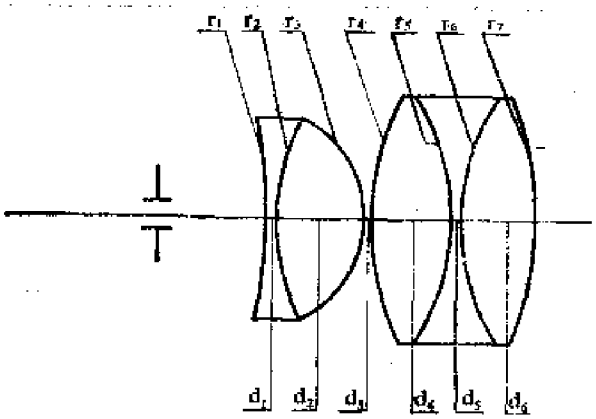
h 或 ω %	L_p	l'_p	LA′	OSC′	x'_1	x'_2	$x'_2-x'_1$	K'_{T1}	$K'_{T0.7}$	ΔH′
100	－76	1077	0.009	0	2.19	4.37	－2.18	0.004	0.002	5.1
70			0.004	0	0.94	2.08	－1.14	0.0038	0.0019	1.7



编号：08-01-093

广 角 目 镜

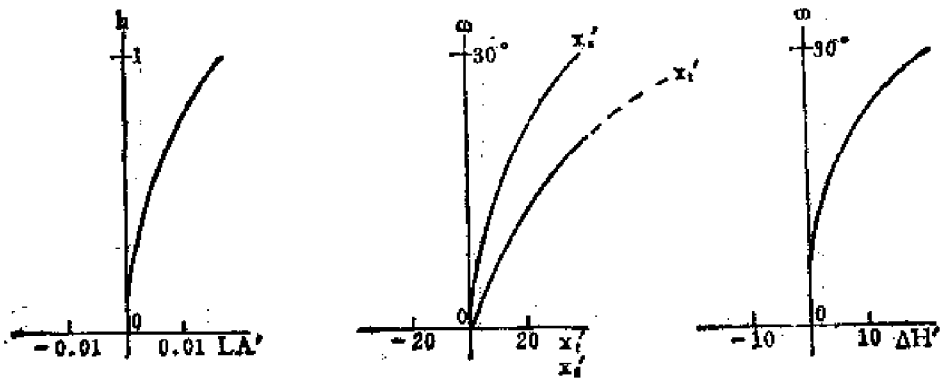
E. F. L＝100　　B. F. L＝35.1　　$\phi_{\text{像}}/2=1$ **　　F. A. ＝±30° **



序号	r	d	n	v
1	－349.9	11.3	1.56841	42.6
2	162.4	62.2	1.64036	57.6
3	－80.4	0.6		
4	207.7	53.8	1.58830	60.2
5	－172.6	11.2	1.72748	28.5
6	172.6	50.9	1.58830	60.2
7	－238.2			

	ΣS_1	ΣS_2	ΣS_3	ΣS_4	ΣS_5	HI	QP(3ω)
	0	0.00015	0.00552	0.00224	0.42388	57	41%

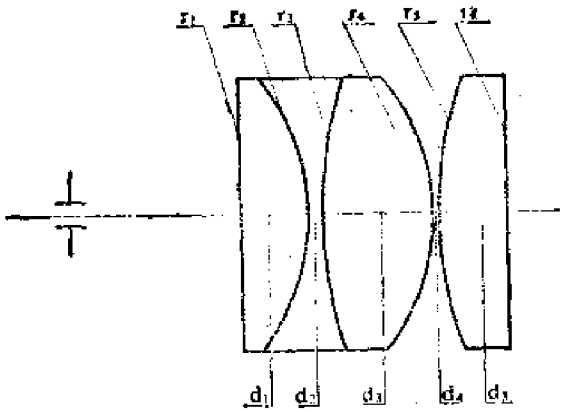
h或ω%	L_p	l'_p	LA′	OSC′	x'_t	x'_s	$x'_t-x'_s$	K'_{f1}	$K'_{f0.7}$	ΔH′
100	－75	322	0.017	0.0001	100.7	41.6	59.1	0.098	0.048	23.9
70			0.008	0	43.7	17.7	26.0	0.024	0.012	6.6



编号：08-01-094

广 角 目 镜

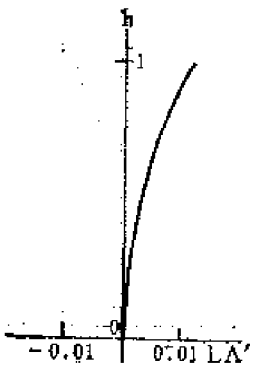
E.F.L＝100　　B.F.L＝77.9　　$\phi_{像}/2=1$ **　　F.A.＝±30° **

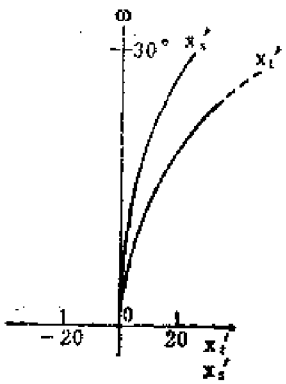


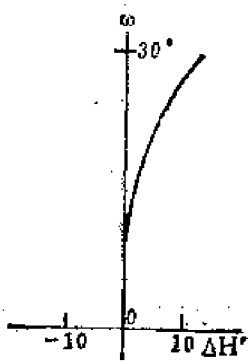
序号	r	d	n	v
1	∞	30.4	1.69100	54.8
2	−101.3	6.6	1.64770	33.8
3	202.7	50.7	1.65100	58.6
4	−98.6	1.5		
5	178.8	30.4	1.56024	60.9
6	∞			

	ΣS_1	ΣS_2	ΣS_3	ΣS_4	ΣS_5	HI	QP(1ω)
	0	0.00008	0.00246	0.00205	0.23595	57	24%

h 或 ω %	L_p	l_F'	LA′	OSC′	x_t'	x_s'	$x_t'-x_s'$	K_{f1}'	$K_{f0.7}'$	ΔH′
100	−75	446	0.012	0	56.4	23.4	33.0	0.029	0.014	14.2
70			0.006	0	23.0	10.3	12.7	0.012	0.006	4.3



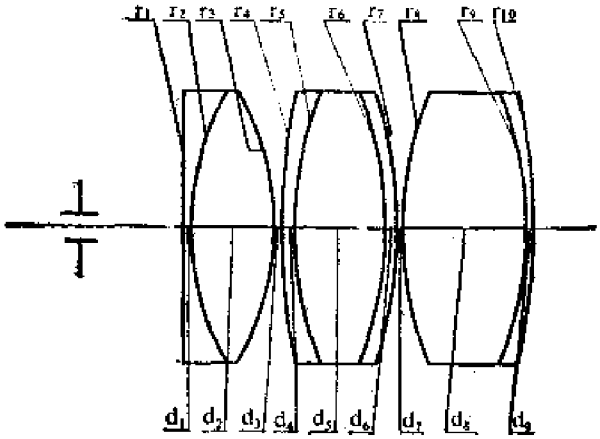




编号：08-01-095

广角目镜

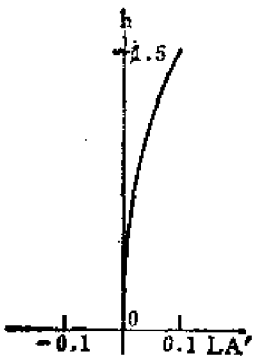
E. F. L＝15.51　　B. F. L＝7.9　　$\phi_{出}/2=1.5^{**}$　　F. A. ＝±30°

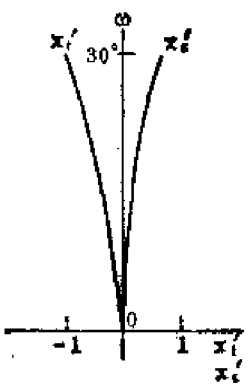


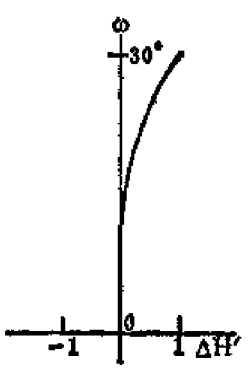
序号	r	d	n	v
1	∞	0.5	1.649	33.8
2	21.0	6.2	1.516	64.0
3	−18.2	0.1		
4	50.0	0.5	1.649	33.8
5	25.0	6.5	1.516	64.0
6	−25.0	0.5	1.649	33.8
7	−33.0	0.1		
8	27.0	8.7	1.516	64.0
9	−27.0	0.5	1.649	33.8
10	−45.2			

	ΣS_1	ΣS_2	ΣS_3	ΣS_4	ΣS_5	HI	QP(1ω)
	0.0018	0.0003	−0.0209	0.0383	0.2213	8.9	11%

h 或 ω %	l_{-p}	l'_F	LA′	OSC′	x'_t	x'_s	$x'_t-x'_s$	Kf_1	$Kf_{0.7}$	ΔH′
100	−7.2	603	0.10	0.0001	−1.2	0.7	−1.9	0.0031	0.0017	1.0
70			0.05	0	−0.56	0.37	−0.93	0.0035	0.0018	0.3



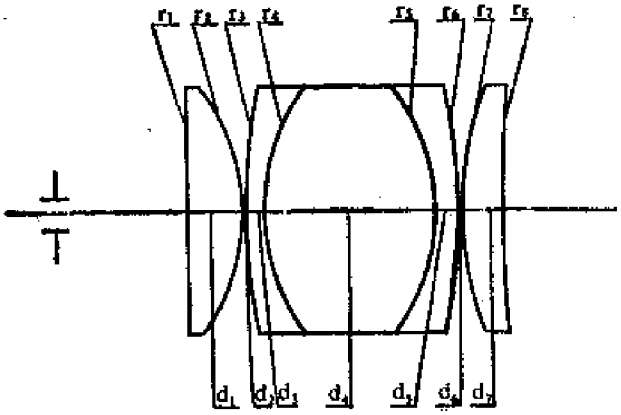




编号：08-01-096

广 角 目 镜

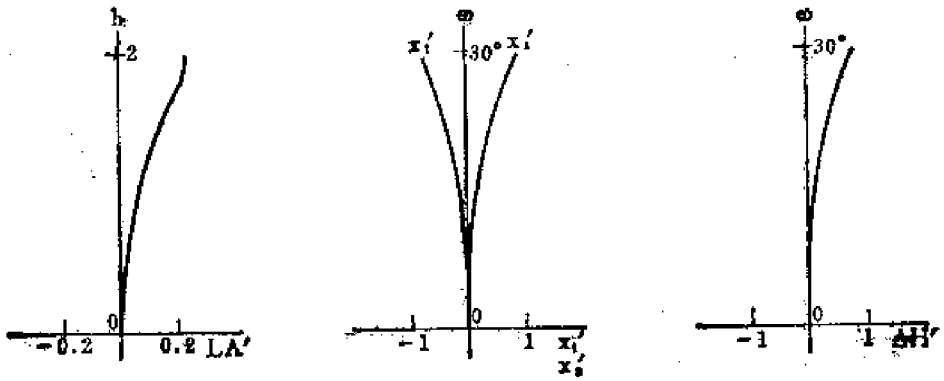
E. F. L＝15.75　　B. F. L＝6.6　　$\phi_{出}/2=2^{**}$　　F. A. ＝±30°**



序号	r	d	n	v
1	∞	4.0	1.614	56.4
2	−15.737	0.1		
3	52.000	1.5	1.673	32.0
4	15.000	12.0	1.614	56.4
5	−15.000	1.5	1.673	32.0
6	−52.000	0.1		
7	26.000	3.0	1.614	56.4
8	110.340			

	ΣS_1	ΣS_2	ΣS_3	ΣS_4	ΣS_5	HI	QP(1ω)
	0.0081	0.0059	−0.0323	0.0638	0.3018	9	9%

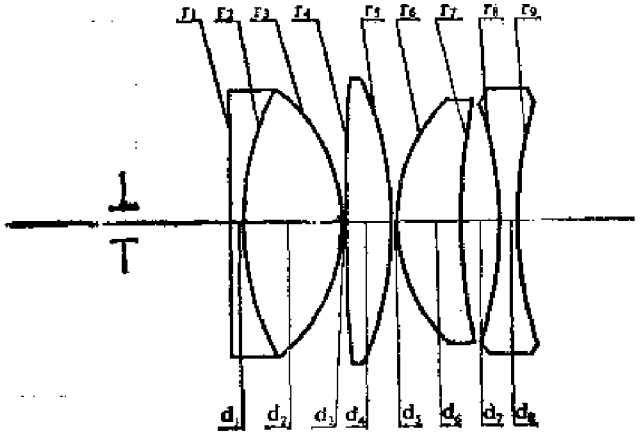
h 或 ω %	L_p	l'_p	LA′	OSC′	x'_1	x'_s	$x'_1-x'_s$	K'_{T_1}	$K'_{T_{0.7}}$	ΔH′
100	−9.3	−5421	0.25	0.002	−0.75	0.91	−1.66	0.084	0.041	0.82
70			0.12	0.001	−0.41	0.42	−0.83	0.052	0.026	0.28



编号：08-01-097

广 角 目 镜

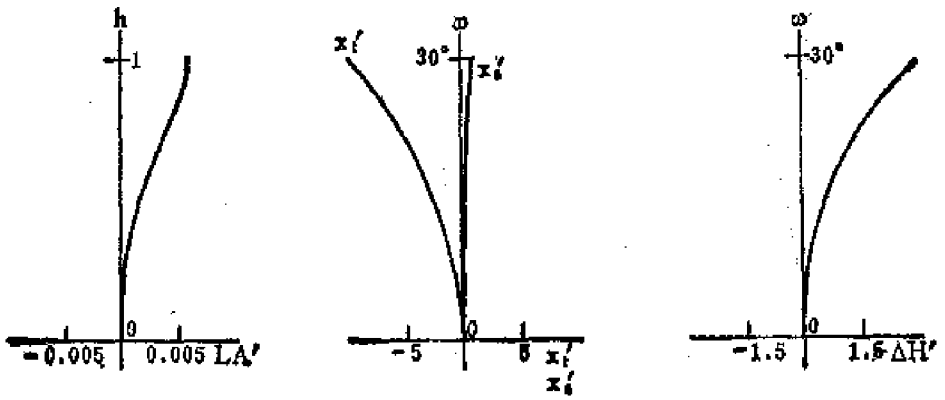
E. F. L＝100　　B. F. L＝17.97　　$\phi_{出}/2=1$ **　　F. A. ＝±30° **



序号	r	d	n	v
1	∞	11.09	1.7283	28.3
2	214.5	70.26	1.6204	60.3
3	−125.7	0.92		
4	739.6	33.28	1.5687	63.1
5	−290.3	0.92		
6	124.8	48.07	1.6923	54.7
7	402.1	27.73		
8	−260.7	11.09	1.7283	28.3
9	305.1			

	ΣS_1	ΣS_2	ΣS_3	ΣS_4	ΣS_5	HI	QP(1ω)
	0	0.00002	−0.00103	0.00129	0.04526	57	4.8%

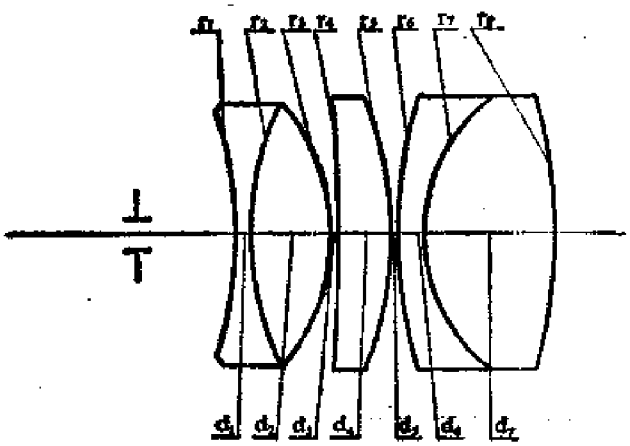
h或ω%	l_p	l'_p	LA′	OSC′	x'_t	x'_s	$x'_t-x'_s$	K_{f1}	$K_{T0.7}$	ΔH′
100	−78.05	∞	0.007	0	−10.8	0.9	−11.7	0.0050	0.0024	2.8
70			0.003	0	−4.3	0.5	−4.8	0.0028	0.0014	1.2



编号：08-01-098

三组元广角目镜

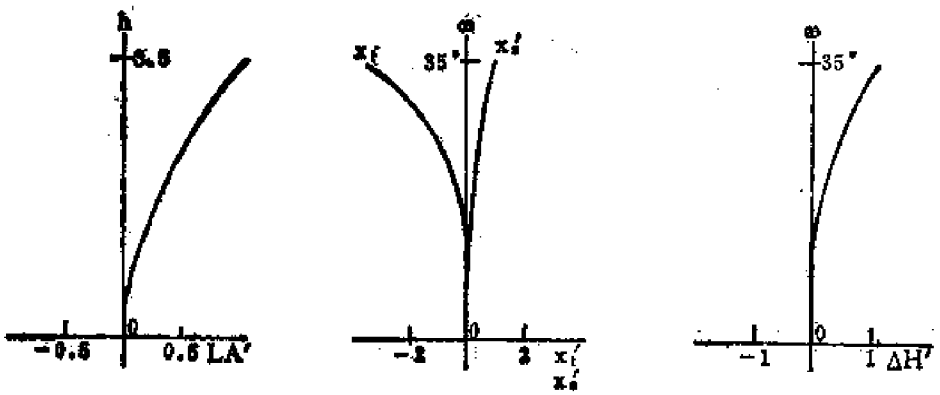
E. F. L＝15.75　　B. F. L＝10.1　　$\phi_{出}/2=8.5$ **　　F. A. ＝±35° **



序号	r	d	n	v
1	−31.50	1.0	1.649	33.8
2	22.74	6.0	1.690	61.2
3	−14.64	0.1		
4	−661.50	4.0	1.516	64.0
5	−23.57	0.1		
6	34.82	2.0	1.620	36.3
7	13.00	9.0	1.516	64.0
8	−34.99			

	ΣS_1	ΣS_2	ΣS_3	ΣS_4	ΣS_5	HI	QP(1ω)
	0.108	0.067	−0.129	0.259	0.771	11	10%

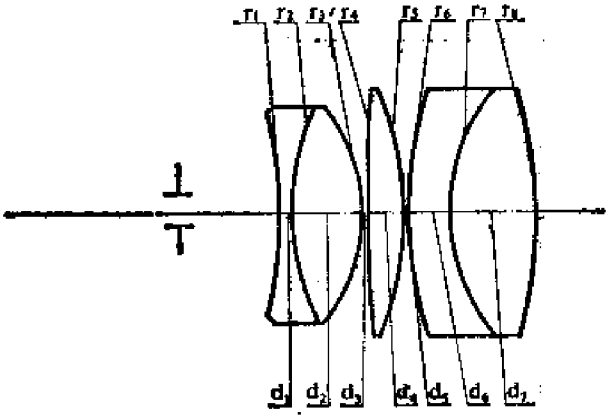
h 或 ω %	L_p	l'_p	LA′	OSC′	x'_t	x'_s	$x'_t-x'_s$	K'_{T1}	$K'_{T5.7}$	ΔH′
100	−6.8	−571	1.11	0.014	−3.6	0.9	−4.5	0.014	0.026	1.1
70			0.55	0.006	−0.6	0.5	−1.1	0.223	0.114	0.4



编号：08-01-099

五组无广角目镜

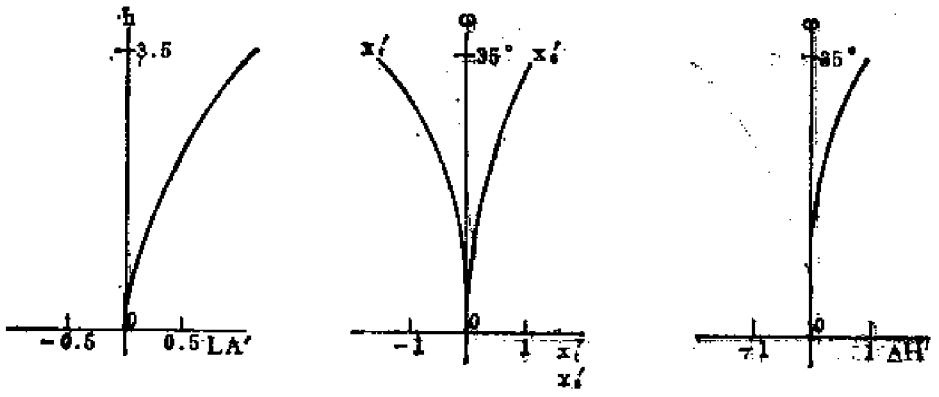
E. F. L＝14　　B. F. L＝9.8　　$\phi_{出}/2$＝3.6 **　　F. A.＝±35° **



序号	r	d	n	v
1	−24.00	1.0	1.649	33.8
2	20.21	5.0	1.590	61.2
3	−12.96	0.1		
4	157.72	2.5	1.516	64.0
5	−25.00	0.1		
6	30.95	3.0	1.620	36.3
7	14.59	6.0	1.516	64.0
8	−42.68			

	ΣS_1	ΣS_2	ΣS_3	ΣS_4	ΣS_5	HI	QP(1ω)
	0.141	0.089	−0.131	0.280	0.758	9.8	10.9%

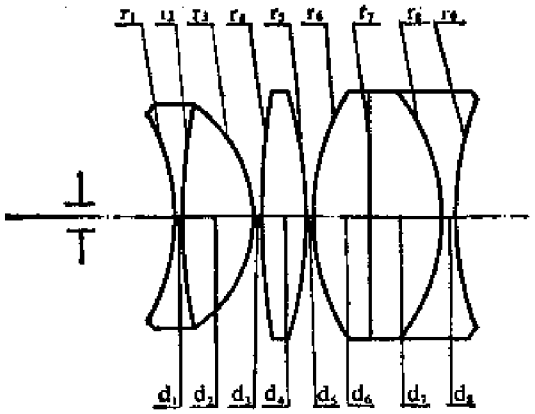
h 或 ω%	L_p	l_p'	LA′	OSC′	x_t'	x_s'	$x_t'-x_s'$	K_{f_1}	$K_{f_{0.7}}$	ΔH′
100	−7.6	−∞	1.15	0.019	−1.6	0.9	−2.5	0.027	0.055	1.0
70			0.57	0.009	−0.45	0.46	−0.91	0.244	0.127	0.3



编号：08-01-100

广 角 目 镜

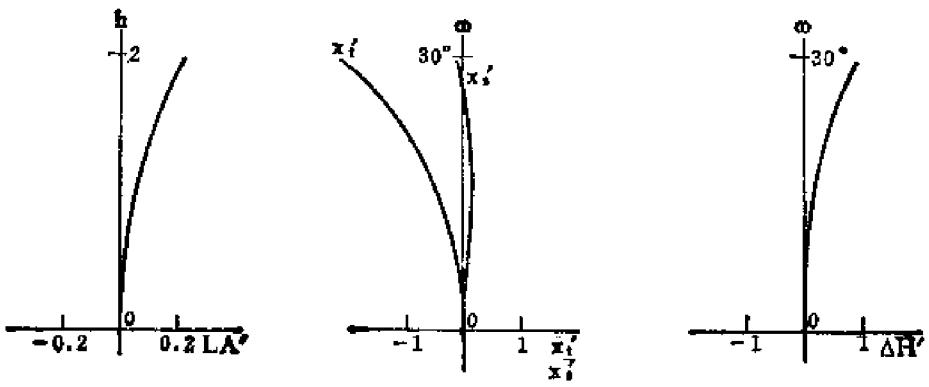
E. F. L＝15.6　　B. F. L＝6.8　　$\phi_{出}/2=2$ **　　F. A. ＝±30° **



序号	r	d	n	ν
1	−20.00	0.7	1.63745	35.1
2	50.00	6.5	1.62411	57.0
3	−14.75	0.1		
4	59.50	4.5	1.62411	57.0
5	−36.59	0.1		
6	22.70	5.0	1.62411	57.0
7	∞	6.5	1.51047	64.0
8	−18.20	1.5	1.63745	35.1
9	35.11			

	ΣS_1	ΣS_2	ΣS_3	ΣS_4	ΣS_5	III	QP(1ω)
	0.0078	0.0020	−0.0315	0.0352	0.2965	9	9.7%

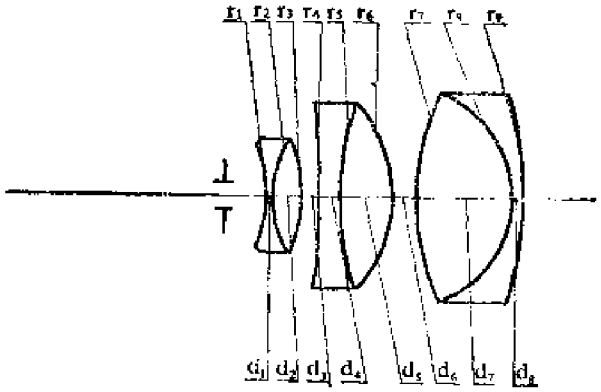
h 或 ω%	L_p	l'_p	LA′	OSC′	x'_t	x'_s	$x'_t-x'_s$	K'_{T1}	$K'_{T0.7}$	ΔH′
100	−8**	−64	0.242	0.0009	−2.28	−0.05	−2.23	−0.0007	−0.0004	0.8
70			0.120	0.0004	−0.88	0.01	−0.89	0.0100	0.0049	0.3



编号：08-01-101

广 角 目 镜

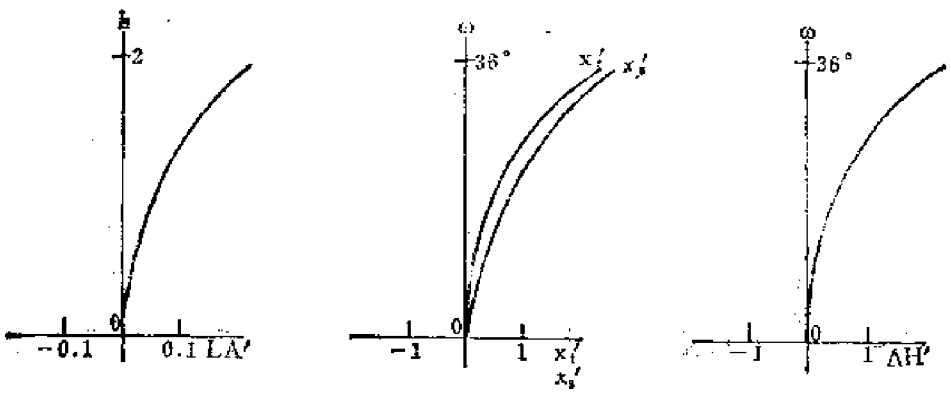
E.F.L＝25.1　　B.F.L＝11.5　　$\phi_{in}/2=2$ **　　F.A.＝±38°



序号	r	d	n	v
1	−23.0	1.0	1.640	50.9
2	19.3	4.5	1.628	58.1
3	−26.0	3.0		
4	−150.0	4.0	1.620	36.3
5	57.0	9.0	1.623	58.1
6	−26.0	5.0		
7	50.0	17.3	1.623	58.1
8	−20.0	2.0	1.740	28.2
9	−73.4			

	ΣS_1	ΣS_2	ΣS_3	ΣS_4	ΣS_5	HI	QP(1ω)
	0.0028	0.0075	−0.0112	0.0525	0.6090	18.2	14%

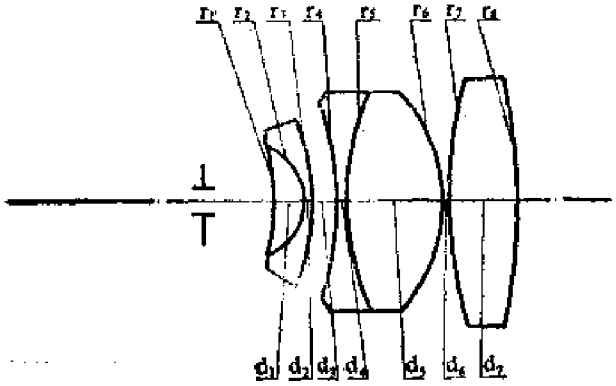
h 或 ω %	L_p	l'_p	LA′	OSC′	x'_t	x'_s	$x'_t-x'_s$	K'_{T1}	$K'_{T0.7}$	ΔH′
100	−7	−827	0.228	0.002	2.2	2.6	−0.4	0.269	0.126	2.6
70			0.113	0.001	0.76	1.26	−0.50	0.110	0.054	0.9



编号：08-01-102

广 角 目 镜

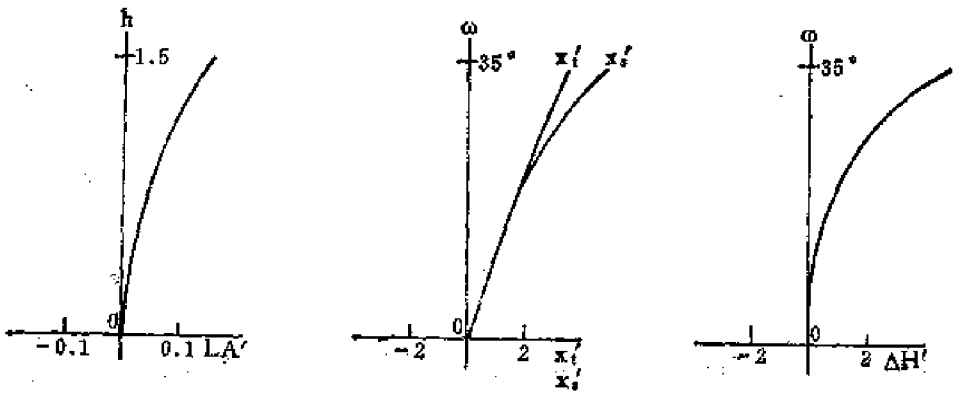
E. F. L＝50.5　　B. F. L＝50.6　　$\phi_{\text{视}}/2=1.5^{**}$　　F. A. ＝±35°



序号	r	d	n	v
1	－48.0	8.0	1.610	56.5
2	－13.0	2.0	1.548	45.9
3	－50.0	5.0		
4	－71.8	3.0	1.673	32.2
5	65.0	22.0	1.569	63.1
6	－40.0	0.5		
7	102.4	16.0	1.610	56.5
8	－164.0			

	ΣS_1	ΣS_2	ΣS_3	ΣS_4	ΣS_5	HI	QP(1ω)
	0.0002	0.0016	0.0004	0.0109	0.3867	35	13%

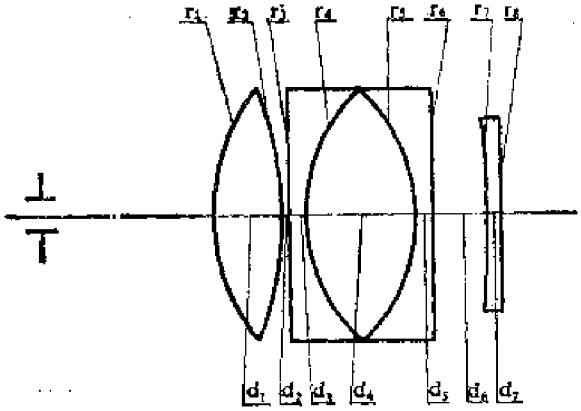
h 或 ω %	L_P	l_P'	LA′	OSC′	x_t'	x_s'	$x_t'-x_s'$	K_{T1}'	$K_{T0.7}'$	ΔH′
100	－15	－721	0.159	0.0007	3.4	4.8	－1.4	0.074	0.036	4.7
70			0.079	0.0003	2.4	2.5	－0.1	0.050	0.025	1.6



编号：08-01-103

目　　镜

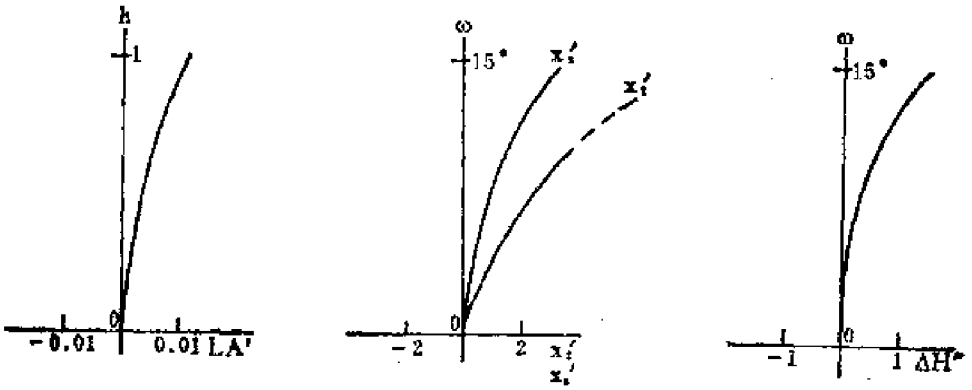
E. F. L＝50.9　　B. F. L＝－0.21　　$\phi_{出}/2=1$ **　　F. A. ＝±15° **



序号	r	d	n	v
1	60.64	22.4	1.7880	50.4
2	－99.15	0.3		
3	∞	5.1	1.7842	57.0
4	52.59	31.8	1.7880	50.4
5	－52.59	5.1	1.7842	57.0
6	∞	16.3		
7	－301.40	3.9	1.5080	61.1
8	∞			

	ΣS_1	ΣS_2	ΣS_3	ΣS_4	ΣS_5	HI	QP(1ω)
	0	0.0001	0.0017	0.0007	0.0586	13.6	11.7%

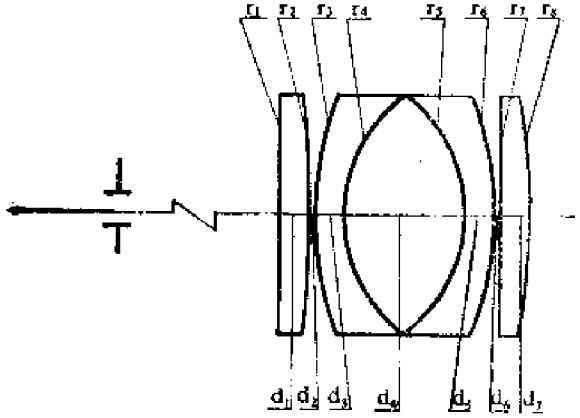
h 或 ω%	L_p	l_F'	LA′	OSC′	x_t'	x_s'	$x_t'-x_s'$	K_{f_1}'	$K_{f_{0.7}}'$	ΔH′
100	－57.15	351	0.011	0.0002	7.7	3.3	4.4	0.013	0.007	1.59
70			0.005	0.0001	3.7	1.6	2.1	0.007	0.003	0.52



编号：08-01-104

放 大 镜

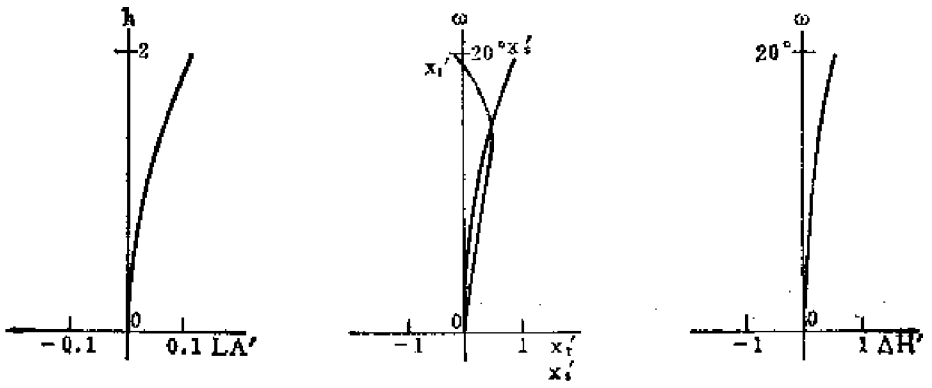
E. F. L＝20.05　　B. F. l＝13.69　　$\phi_{出}/2=2^{**}$　　F. A. ＝±20°**



序号	r	d	n	v
1	∞	2.13	1.620	60.0
2	−63.915	0.20		
3	22.207	2.22	1.617	36.6
4	11.103	8.88	1.517	64.5
5	−11.103	2.22	1.617	36.6
6	−22.207	0.20		
7	∞	2.13	1.620	60.0
8	−58.843			

	ΣS_1	ΣS_2	ΣS_3	ΣS_4	ΣS_5	HI	QP(1ω)
	0.0021	0.0033	0.0049	0.0210	0.1198	7.3	7%

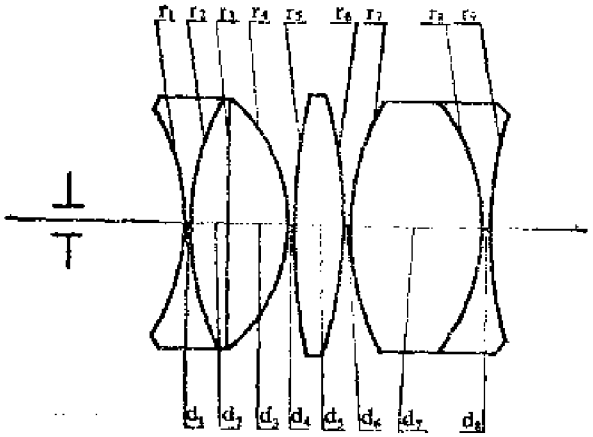
h 或ω%	L_p	l_F'	LA′	OSC′	x_t'	x_s'	$x_t'-x_s'$	K_{f_1}	$K_{f_{0.7}}$	ΔH′
100	−16**	153	0.109	0.002	−0.2	0.9	−1.1	−0.140	−0.059	0.52
70			0.055	0.001	0.58	0.55	0.03	0.009	0.006	0.20



编号：08-01-105

广 角 目 镜

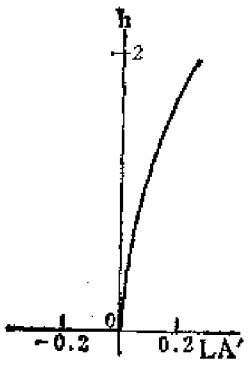
E. F. L＝15.7　　B. F. L＝7.66　　$\phi_{出}/2=2^{**}$　　F. A. ＝ $\pm 30^{\circ}$ **

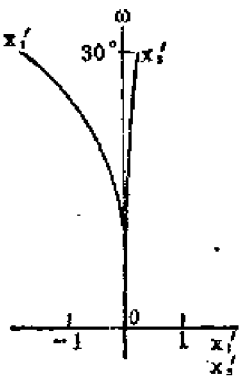


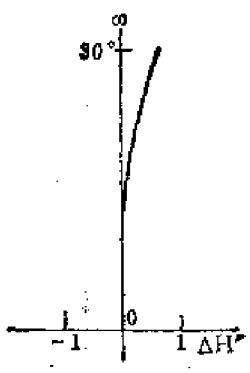
序号	r	d	n	ν
1	−20.50	0.7	1.63745	35.1
2	26.00	3.0	1.56876	60.7
3	∞	5.5	1.62411	57.0
4	−14.42	0.1		
5	55.98	4.5	1.62411	57.0
6	−41.14	0.1		
7	23.50	12.0	1.56876	60.7
8	−18.50	1.0	1.63745	35.1
9	37.27			

	ΣS_1	ΣS_2	ΣS_3	ΣS_4	ΣS_5	HI	QP(1ω)
	0.0089	0.0121	−0.0172	0.0348	0.2519	9	7.3%

h 或 ω %	L_p	l'_F	LA′	OSC′	x'_t	x'_s	$x'_t - x'_s$	K'_{T1}	$K'_{f0.7}$	ΔH′
100	−10**	719	0.28	0.005	−1.9	0.2	−2.1	0.044	0.023	0.66
70			0.13	0.002	−0.45	0.18	−0.63	0.073	0.036	0.25



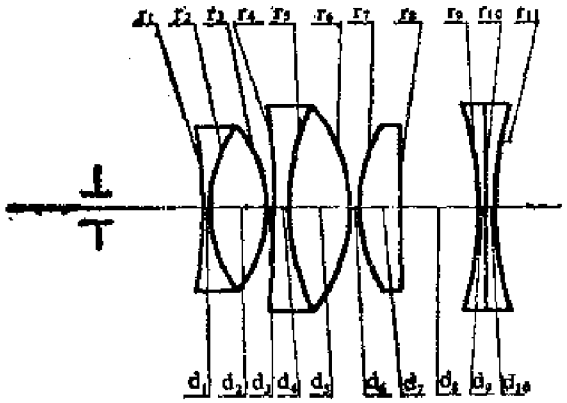




编号：08-01-106

广 角 目 镜

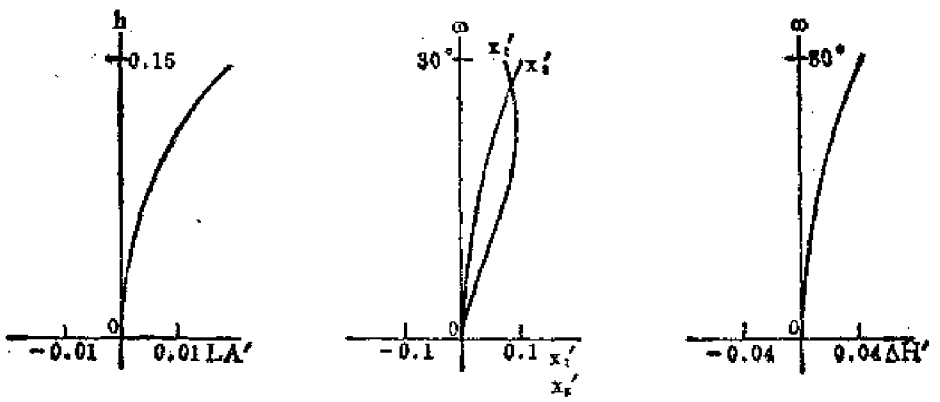
E. F. L＝0.98　　B. F. L＝－0.05　　$\phi_{出}/2=0.15$ **　　F. A. ＝±30° **



序号	r	d	n	v
1	－4.567	0.078	1.720	29.3
2	1.435	0.460	1.620	60.3
3	－1.260	0.008		
4	－13.908	0.101	1.720	29.3
5	2.185	0.560	1.620	60.3
6	－1.481	0.008		
7	1.481	0.386	1.620	60.3
8	∞	0.674		
9	－3.183	0.080	1.5838	46.0
10	∞	0.080	1.5838	46.0
11	3.183			

	ΣS_1	ΣS_2	ΣS_3	ΣS_4	ΣS_5	HI	QP(1ω)
	0.0008	0.0023	0.0027	0.0032	0.0247	0.56	8.5%

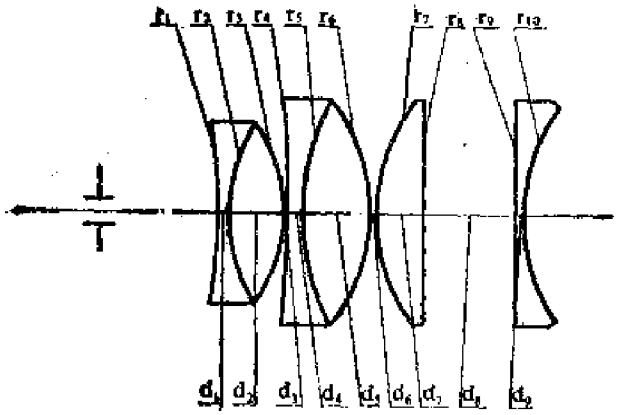
h或ω%	L_p	l_F'	LA′	OSC′	x_1'	x_2'	$x_1'-x_2'$	K_{f1}'	$K_{f0.7}'$	ΔH′
100	－0.95**	3.1	0.018	0.013	0.08	0.09	－0.01	－0.0008	0.0007	0.04
70			0.009	0.006	0.09	0.05	0.04	0.013	0.006	0.02



编号：08-01-107

广 角 目 镜

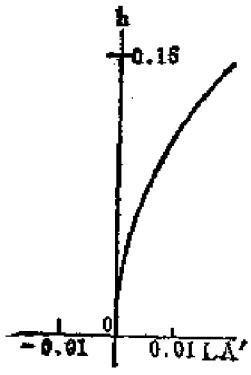
E. F. L＝0.96　　B. F. L＝－0.055　　$\phi_{\text{像}}/2$＝0.15 **　　F. A. ＝±30° **

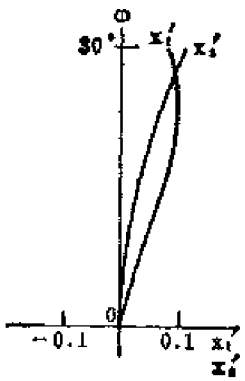


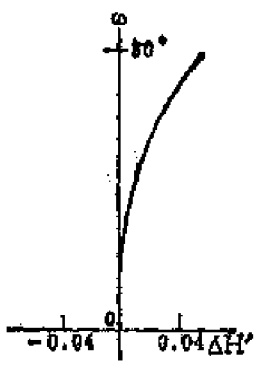
序号	r	d	n	v
1	－4.567	0.078	1.7200	29.30
2	1.435	0.460	1.6200	60.33
3	－1.260	0.008		
4	－13.908	0.101	1.7200	29.30
5	2.185	0.560	1.6200	60.33
6	－1.481	0.008		
7	1.481	0.386	1.6200	60.33
8	∞	0.725		
9	∞	0.089	1.5838	46.00
10	1.591			

	ΣS_1	ΣS_2	ΣS_3	ΣS_4	ΣS_5	HI	QP(1ω)
	0.0008	0.0024	0.0029	0.0032	0.0311	0.55	11.3%

h 或 ω %	L_p	l_F'	LA′	OSC′	x_t'	x_s'	$x_t'-x_s'$	K_{T1}'	$K_{T0.7}'$	ΔH′
100	－0.95**	2.8	0.018	0.014	0.08	0.09	－0.01	－0.0010	0.0006	0.06
70			0.009	0.007	0.09	0.05	0.04	0.0134	0.0067	0.02



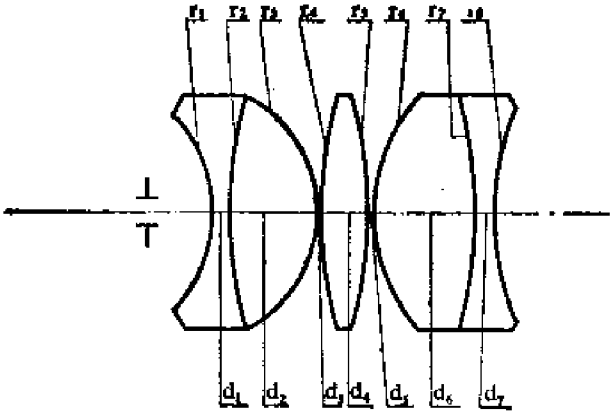




编号：08-01-108

广 角 目 镜

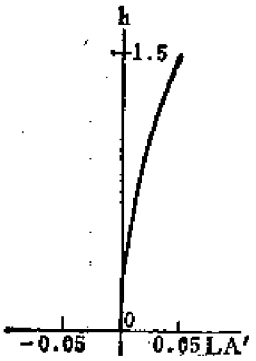
E. F. L＝40.8　　B. F. L＝24.07　　$\phi_{出}/2=1.5^{mm}$　　F. A. ＝±30°

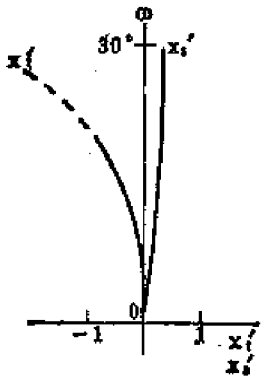


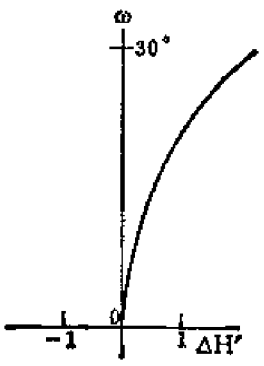
序号	r	d	n	v
1	－40.6	4.7	1.734	28.1
2	135.7	24.1	1.610	56.4
3	－37.2	0.1		
4	124.6	13.0	1.694	54.6
5	－124.6	0.1		
6	49.6	28.3	1.592	48.4
7	－129.0	4.7	1.769	26.3
8	71.1			

	ΣS_1	ΣS_2	ΣS_3	ΣS_4	ΣS_5	HI	QP(1ω)
	0.00013	0.00061	－0.00197	0.00517	0.26926	23.2	11%

h 或 ω %	L_p	l'_p	LA′	OSC′	x'_t	x'_s	$x'_t-x'_s$	K'_{T1}	$K'_{T0.7}$	ΔH′
100	－24.2	790	0.049	0.0003	－3.3	0.3	－3.6	0.007	0.003	2.6
70			0.024	0.0001	－0.8	0.3	－1.1	0.010	0.005	0.9



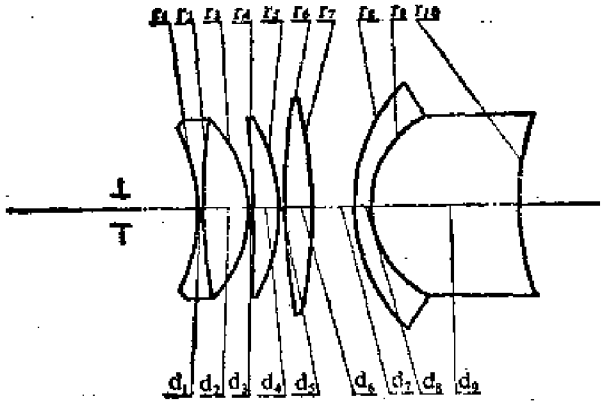




编号：08-01-109

广角虚焦面目镜

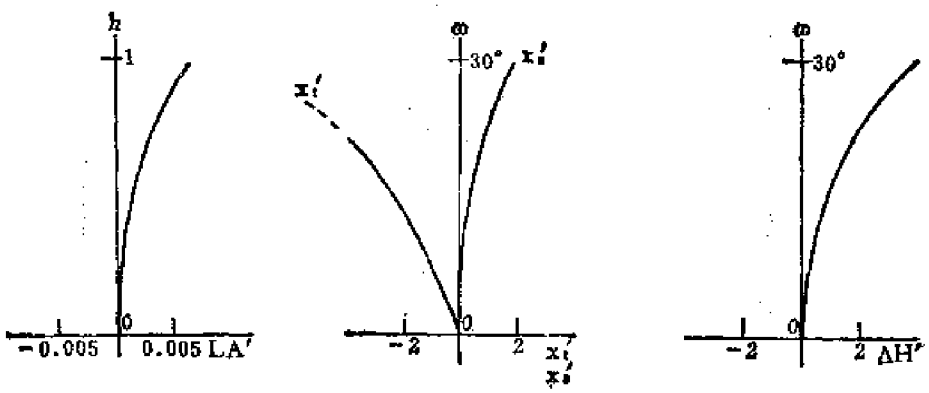
E. F. L＝100　　B. F. L＝－18.3　　$\phi_{出}/2=1$ **　　F. A. ＝±30° **



序号	r	d	n	v
1	－169.0	5.3	1.72786	28.3
2	794.6	39.2	1.65988	57.1
3	－113.9	0.5		
4	－986.4	25.4	1.60712	59.5
5	－196.0	1.6		
6	468.3	26.1	1.60712	59.5
7	－468.3	37.9		
8	166.3	10.6	1.64738	33.9
9	87.9	133.0	1.56299	60.7
10	233.6			

	ΣS_1	ΣS_2	ΣS_3	ΣS_4	ΣS_5	HI	QP(1ω)
	0	0.00002	－0.00121	0.00152	0.10472	57	7.2%

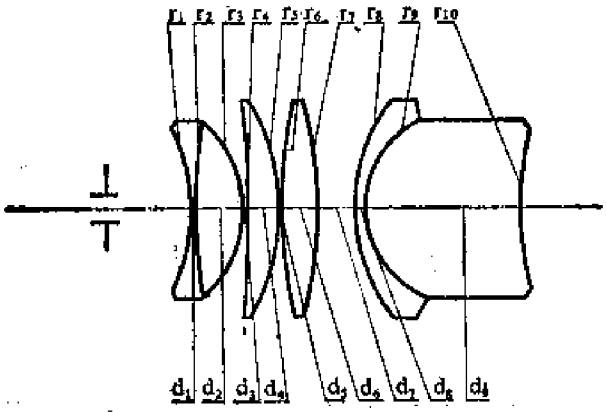
h或ω%	L_p	l_F'	LA′	OSC′	x_t'	x_s'	$x_t'-x_s'$	K_{t1}'	$K_{t0.7}'$	ΔH′
100	－70**	2365	0.006	0	－8.1	1.8	－9.9	0.0033	0.0016	4.1
70			0.003	0	－4.2	0.7	－4.9	0.0026	0.0013	1.4



编号：08-01-110

虚焦面目镜

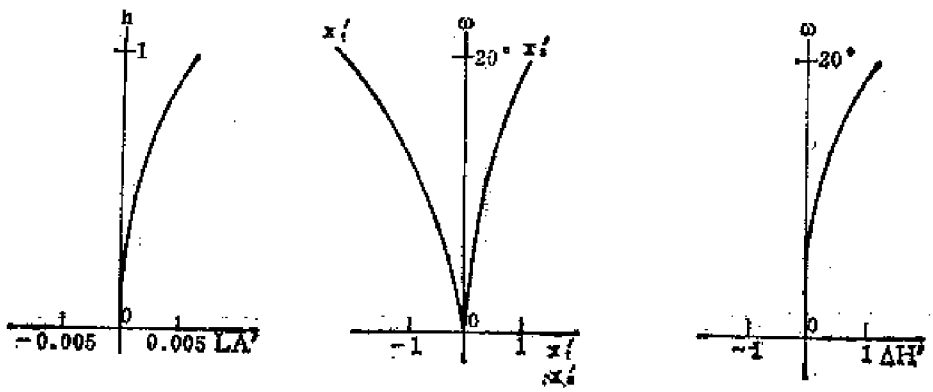
E. F. L＝100　　B. F. L＝－18　　$\phi_{出}/2=1^{**}$　　F. A. ＝±20°**



序号	r	d	n	v
1	－174.0	5.3	1.7275	28.4
2	668.9	39.5	1.6498	58.5
3	－112.6	1.0		
4	－1805.0	26.4	1.5511	63.5
5	－195.7	1.0		
6	428.4	29.0	1.5511	63.5
7	－428.4	36.3		
8	160.5	7.9	1.6478	33.9
9	87.5	134.3	1.5511	63.5
10	231.8			

	ΣS_1	ΣS_2	ΣS_3	ΣS_4	ΣS_5	Hi	QP(1ω)
	0	0.00002	－0.00041	0.00064	0.02511	36.4	3%

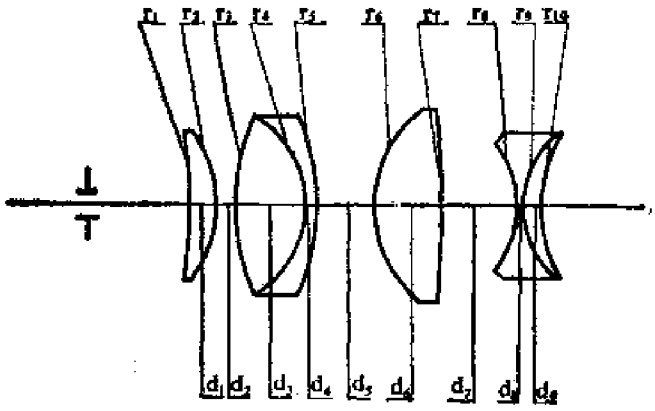
h 或 ω %	L_P	l'_P	LA′	OSC′	x'_t	x'_s	$x'_t-x'_s$	K_{T1}	$K_{T0.7}$	ΔH′
100	－75**	952	0.006	0	－2.5	1.1	－3.6	0.0028	0.0014	1.1
70			0.003	0	－1.3	0.5	－1.8	0.0021	0.0010	0.4



编号：08-01-111

广角虚焦面目镜

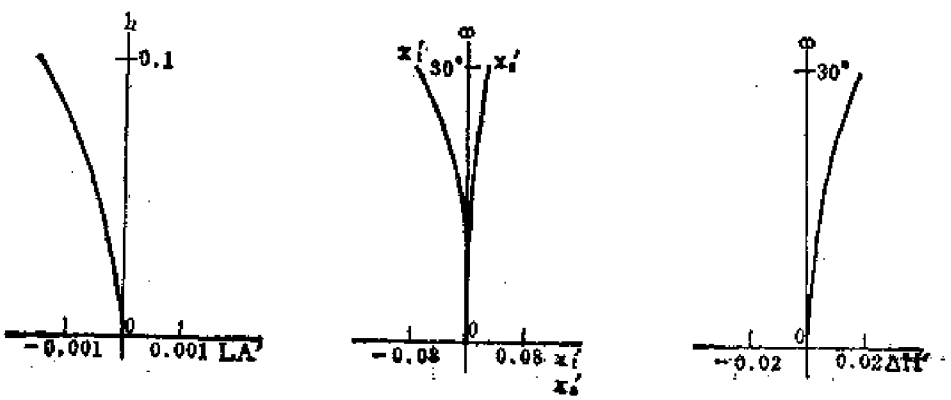
E. F. L＝1.01　　B. F. L＝－0.65　　$\phi_{\text{像}}/2 \approx 0.1^{**}$　　F. A. ＝±30°



序号	r	d	n	v
1	－6.02097	0.32323	1.58929	61.2
2	－1.53432	0.22928		
3	3.10576	0.81178	1.56518	59.0
4	－1.23644	0.09295	1.77607	25.0
5	－3.43493	0.70024		
6	1.49076	0.76220	1.56575	56.0
7	－16.48775	0.85329		
8	－1.25137	0.06197	1.48534	70.0
9	1.01082	0.19830	1.75366	27.5
10	1.69692			

	ΣS_1	ΣS_2	ΣS_3	ΣS_4	ΣS_5	HI	QP(1ω)
	－0.00003	0.00018	－0.00047	0.00074	0.00687	0.58	3%

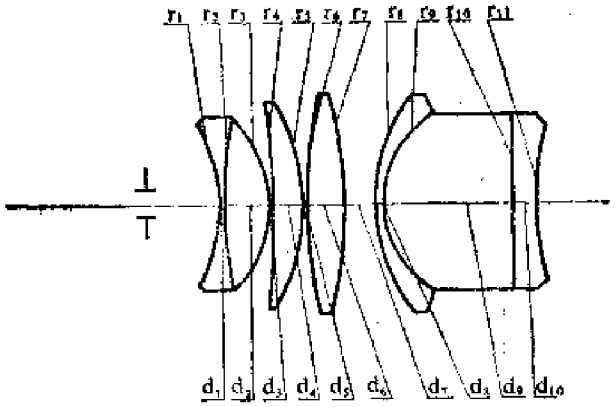
h 或ω%	L_p	l_F'	LA′	OSC′	x_t'	x_s'	$x_t'-x_s'$	K_{T_1}'	$K_{T_{0.7}}'$	ΔH′
100	－1.146	－42	－0.0016	0.0016	－0.08	0.02	－0.10	－0.002	－0.001	0.017
70			－0.0008	0.0008	－0.012	0.009	－0.021	0.0006	0.0003	0.008



编号：08-01-112

虚 焦 面 目 镜

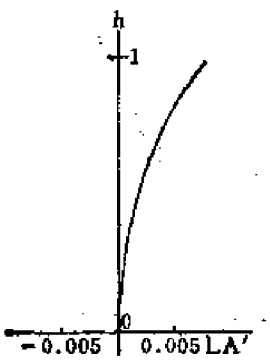
E. F. L＝99.8　　B. F. L＝－12.8　　$\phi_{\text{出}}/2=1$ **　　F. A. ＝±20° **

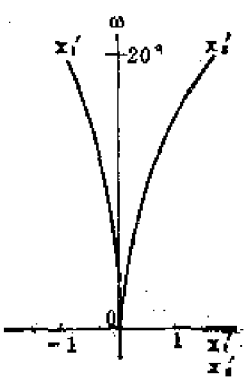


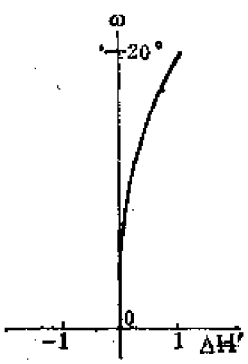
序号	r	d	n	v
1	－157.63	4.0	1.7297	28.3
2	507.78	41.2	1.6506	58.5
3	－107.11	0.8		
4	－1331.20	26.4	1.5511	63.5
5	－189.40	0.8		
6	431.20	29.6	1.5511	63.5
7	－431.20	29.4		
8	164.04	6.4	1.6715	32.5
9	93.12	115.4	1.5600	61.2
10	∞	20.6	1.5600	61.2
11	241.60			

	ΣS_1	ΣS_2	ΣS_3	ΣS_4	ΣS_5	HI	PC(1ω)
	0	0.00002	－0.00027	0.00063	0.02347	36.4	2.9%

h 或 ω%	L_p	l'_p	LA′	OSC′	x'_t	x'_s	$x'_t-x'_s$	K'_{T1}	$K'_{T9.7}$	ΔH′
100	－80**	594	0.007	0	－0.87	1.70	－2.57	0.003	0.001	1.0
70			0.003	0	－0.45	0.82	－1.27	0.002	0.001	0.3



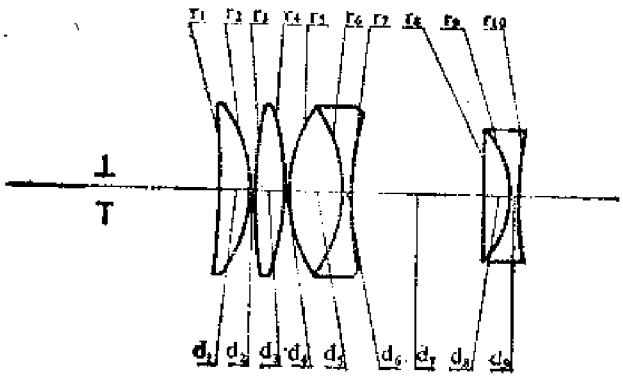




编号：08-01-113

广角虚焦面目镜

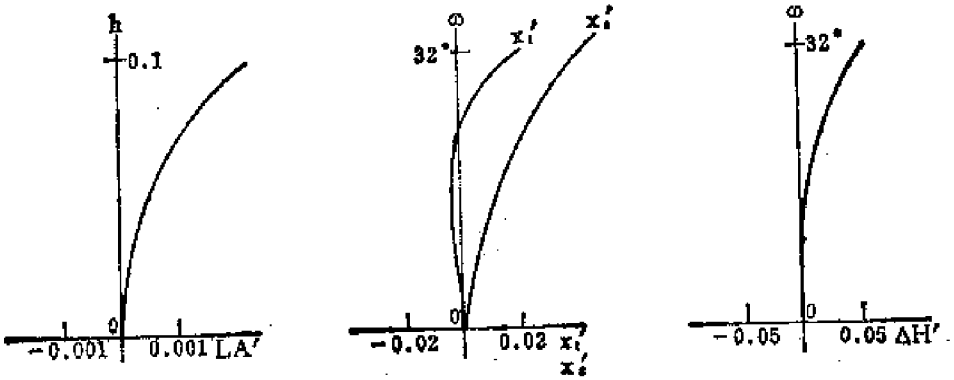
E.F.L＝1英寸　　B.F.L＝－0.866　　$\phi_{出}/2=0.1^{**}$　　F.A.＝±32°



序号	r	d	n	ν
1	－13.165	0.285	1.620	60.3
2	－1.475	0.007		
3	5.885	0.295	1.620	60.3
4	－2.501	0.007		
5	1.580	0.508	1.620	60.3
6	－1.580	0.073	1.720	29.3
7	3.134	1.340		
8	∞	0.283	1.720	29.3
9	－0.976	0.063	1.620	60.3
10	3.050			

	ΣS_1	ΣS_2	ΣS_3	ΣS_4	ΣS_5	HI	QP(1ω)
	0.03004	0.00038	－0.00083	0.00174	0.01551	0.62	8.1%

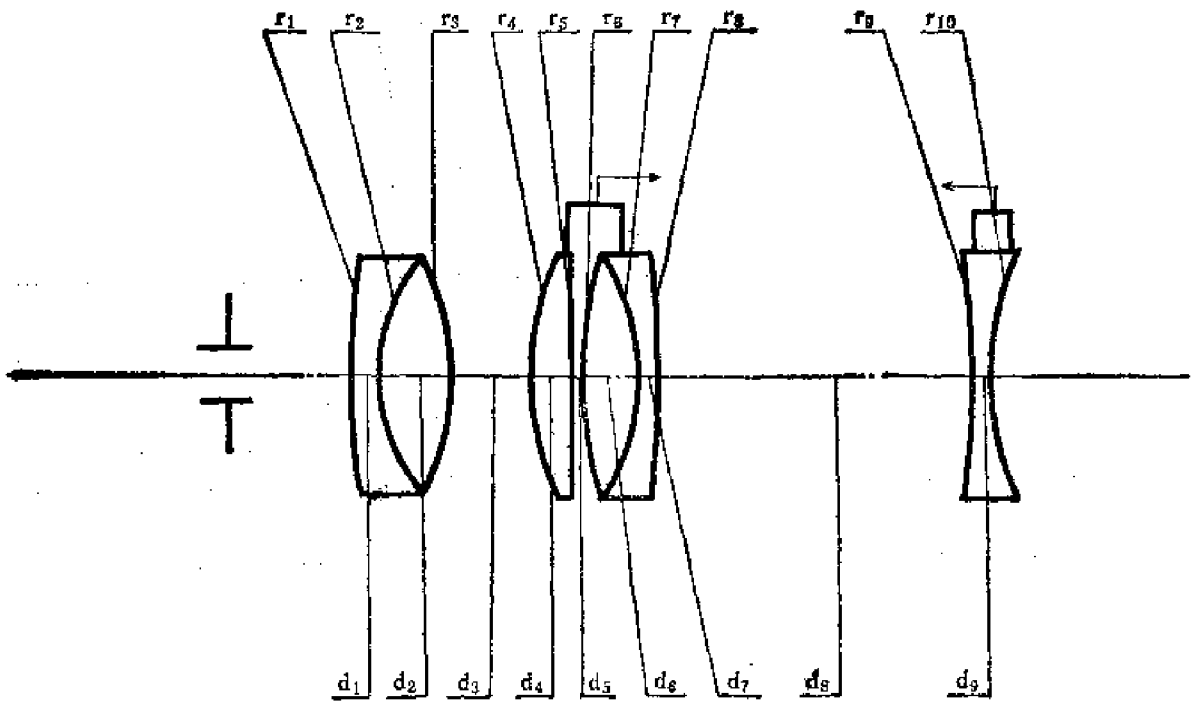
h或ω%	L_p	lp	LA′	OSC′	x_t'	x_s'	$x_t'-x_s'$	K_{T1}'	$K_{T0.7}'$	ΔH′
100	－1.175	7.1	0.002	0.003	0.019	0.057	－0.038	0.005	0.002	0.05
70			0.001	0.001	－0.002	0.023	－0.025	0.003	0.001	0.02



编号：08-01-114

变焦距虚焦面目镜

E. F. L＝10～20　B. F. L＝－14.53～－6.33　$\phi_{出}/2$＝1.2～2.8　F. A. ＝±25°～±18°



序　号	r	d	n	v
1	47.300	1.76	1.75520	27.5
2	15.500	6.22	1.64000	60.1
3	－23.105	* * * 1		
4	25.700	3.26	1.60311	60.7
5	－900.522	0.20		
6	40.950	4.69	1.72916	54.7
7	－20.000	1.23	1.80518	25.4
8	－287.692	* * * 2		
9	－52.000	1.23	1.51633	64.1
10	31.034			

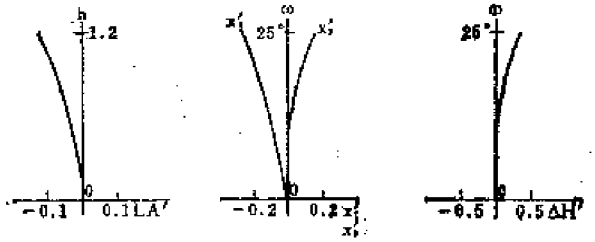
08-01-114-1

	ΣS_1	ΣS_2	ΣS_3	ΣS_4	ΣS_5	HI	QP(1ω)
	-0.0037	0.0059	-0.0107	0.0098	0.1100	4.6	7.6%

h 或 ω %	L_p	$1\acute{p}$	LA′	OSC′	x_t'	x_s'	$x_t'-x_s'$	K_{T1}'	$K_{T0.7}'$	ΔH′
100	-10	-137	-0.13	0.095	-0.24	0.15	-0.39	0.025	0.012	0.35
70			-0.06	0.092	-0.19	0.04	-0.23	0.035	0.017	0.12

* * * 1 = 6.97 * * * 2 = 28.59

E. F. L = 10 **B. F. L = -14.53** **$\phi_{出}/2 = 1.2$** **F. A. = ±25°**



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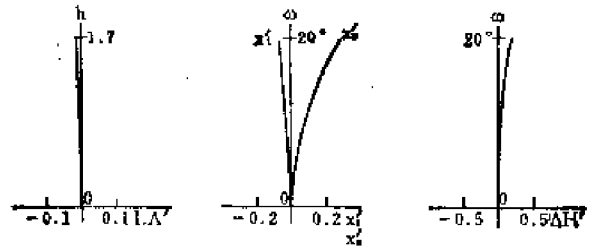
	ΣS_1	ΣS_2	ΣS_3	ΣS_4	ΣS_5	HI	QP(1ω)
	-0.0002	0.0036	-0.0060	0.0121	0.0514	5.4	3.4%

h 或 ω %	L_p	$1\acute{p}$	LA′	OSC′	x_t'	x_s'	$x_t'-x_s'$	K_{T1}'	$K_{T0.7}'$	ΔH′
100	-10	2999	-0.009	0.002	-0.07	0.30	-0.37	0.030	0.015	0.18
70			-0.004	0.001	-0.06	0.13	-0.19	0.027	0.013	0.06

* * * 1 = 15.9 * * * 2 = 15.08

E. F. L = 15 **B. F. L = -9.96** **$\phi_{出}/2 = 1.7$** **F. A. = ±20°**



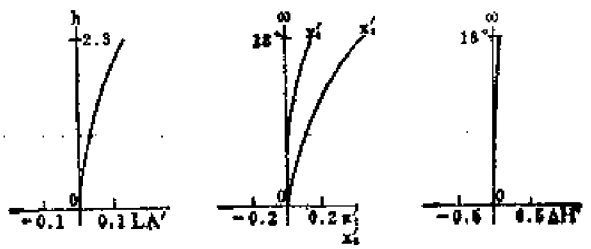
08-01-114-3

	ΣS_1	ΣS_2	ΣS_3	ΣS_4	ΣS_5	HI	QP(1ω)
	0.0036	0.0031	-0.0053	0.0171	0.0292	6.4	1.6%

h 或 ω %	L_p	$1\acute{p}$	LA′	OSC′	x_t'	x_s'	$x_t'-x_s'$	K_{T1}'	$K_{T0.7}'$	ΔH′
100	-10	-988	0.13	0.002	0.14	0.47	-0.33	0.026	0.013	0.09
70			0.06	0.001	0.04	0.22	-0.18	0.024	0.012	0.03

* * * 1 = 21.27 * * * 2 = 6.09

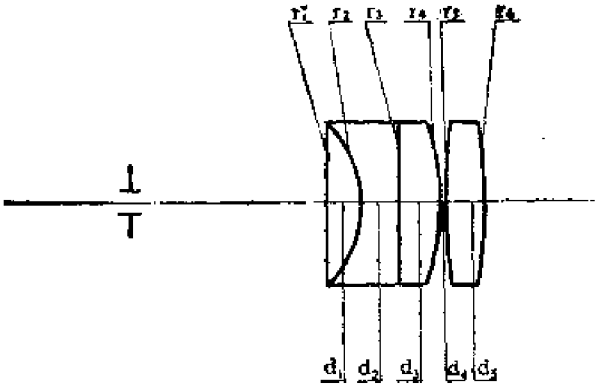
E. F. L = 20 **B. F. L = -6.38** **$\phi_{出}/2 = 2.3$** **F. A. = ±16°**



编号：08-01-115

目　　镜

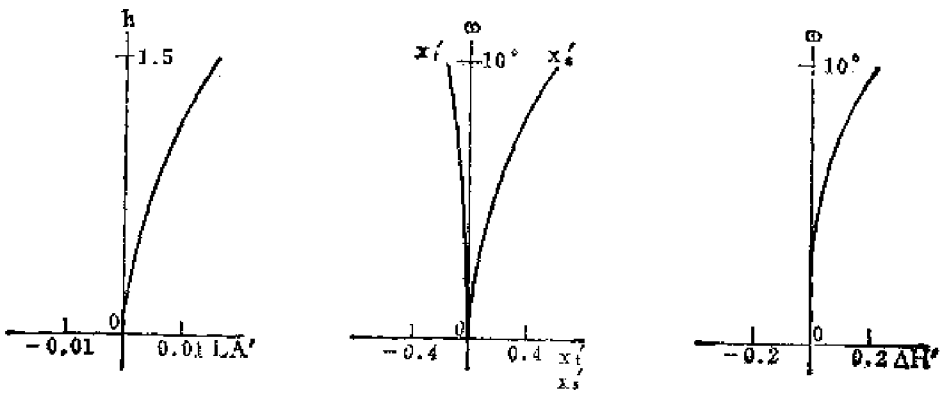
E. F. L＝100　　B. F. L＝98.2　　$\phi_{出}/2=1.5^{**}$　　F. A. ＝±10°**



序号	r	d	n	v
1	∞	11.5	1.6053	43.6
2	－42.1	13.4	1.7200	29.3
3	∞	13.4	1.6170	55.0
4	－92.9	0.2		
5	215.8	13.8	1.6170	55.0
6	－215.8			

	ΣS_1	ΣS_2	ΣS_3	ΣS_4	ΣS_5	HI	QP(1ω)
	0	0.00001	－0.00017	0.00046	0.00357	17.6	1.3%

h 或 ω %	l_{-p}	l_{p}	LA′	OSC′	x_t'	x_s'	$x_t'-x_s'$	K_{f_1}'	$K_{f_{0.7}}'$	ΔH′
100	－70.8	－∞	0.016	0	－0.19	0.62	－0.81	0.0007	0.0003	0.23
70			0.008	0	－0.08	0.31	－0.39	0.0006	0.0002	0.08

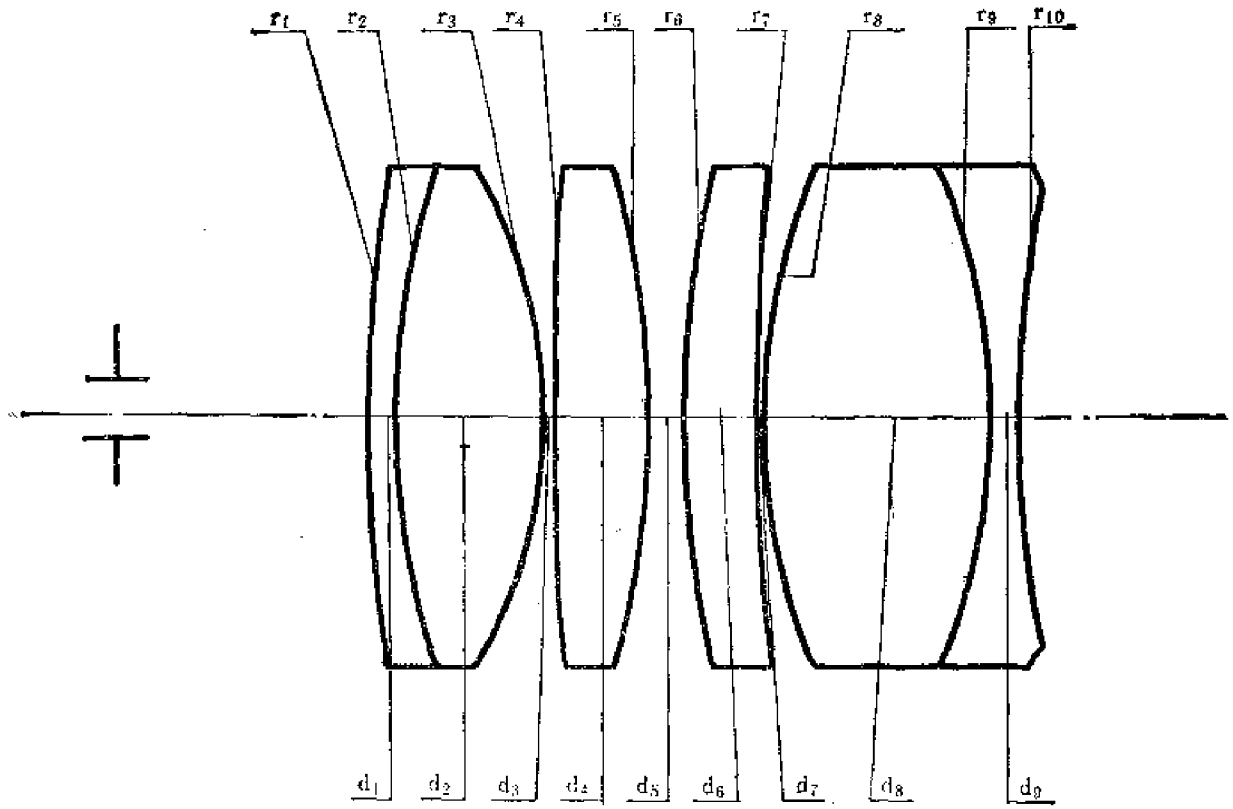


编号：08-01-116

广角内调焦目镜

E. F. L＝94.5～103.7　　B. F. L＝27.4～3　　$\phi_{出}/2$＝1**～1.2**

F. A. ＝±34°**～±30°**



序　号	r	d	n	v
1	5724.138	6.897	1.80518	25.5
2	218.135	37.931	1.65160	58.5
3	−126.986	1.379		
4	11046.900	24.138	1.62041	60.3
5	−232.759	*** 1		
6	266.414	20.690	1.62041	60.3
7	5551.724	1.379		
8	186.207	58.621	1.62041	60.3
9	−152.331	6.897	1.80518	25.5
10	334.004			

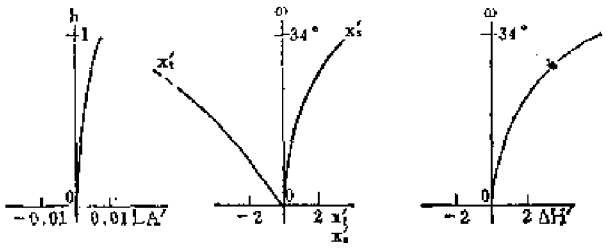
08-01-116-1

	ΣS_1	ΣS_2	ΣS_3	ΣS_4	ΣS_5	HI	QP(1ω)
	0	0.00001	−0.00200	0.00286	0.18593	63.7	9%

h 或 ω %	L_p	l'_p	LA′	OSC′	x'_t	x'_s	$x'_t - x'_s$	K'_{T1}	$K'_{T0.7}$	ΔH′
100	−65**	−1932	0.007	0	−14.1	3.4	−17.5	0.0022	0.0011	6.0
70			0.003	0	−5.9	1.6	−7.5	0.0016	0.0008	2.1

* * * 1 = 6.897

E. F. L = 94.5 **B. F. L = 27.4** **$\phi_{出}/2 = 1$ **** **F. A. = ±34° ****



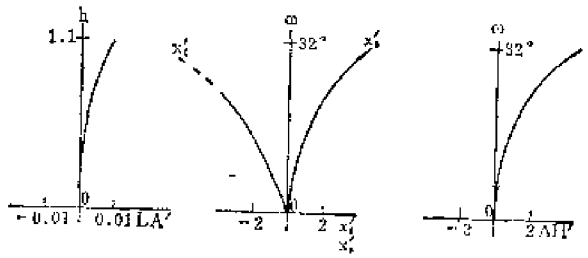
08-01-116-2

	ΣS_1	ΣS_2	ΣS_3	ΣS_4	ΣS_5	III	QP(1ω)
	0	0.00002	−0.00185	0.00297	0.15180	61.8	8%

h 或 ω %	L_p	l'_p	LA′	OSC′	x'_t	x'_s	$x'_t - x'_s$	K'_{T1}	$K'_{T0.7}$	ΔH′
100	−65**	−3329	0.009	0	−9.5	4.3	−13.8	0.0033	0.0016	4.9
70			0.004	0	−4.3	1.9	−6.2	0.0024	0.0012	1.7

* * * 1 = 31.034

E. F. L = 98.9 **B. F. L = 15.8** **$\phi_{出}/2 = 1.1$ **** **F. A. = ±32° ****



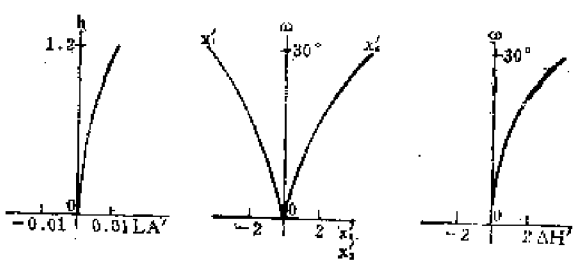
08-01-116-3

	ΣS_1	ΣS_2	ΣS_3	ΣS_4	ΣS_5	HI	QP(1ω)
	0	0.00003	−0.00159	0.00302	0.12105	59.8	6.7%

h 或 ω %	L_p	l'_p	LA′	OSC′	x'_t	x'_s	$x'_t - x'_s$	K'_{T1}	$K'_{T0.7}$	ΔH′
100	−65**	−9525	0.010	0	−5.1	5.2	−10.3	0.004	0.002	4.0
70			0.005	0	−2.6	2.4	−5.0	0.003	0.001	1.4

* * * 1 = 55.172

E. F. L = 103.7 **B. F. L = 3.0** **$\phi_{出}/2 = 1.2$ **** **F. A. = ±30° ****

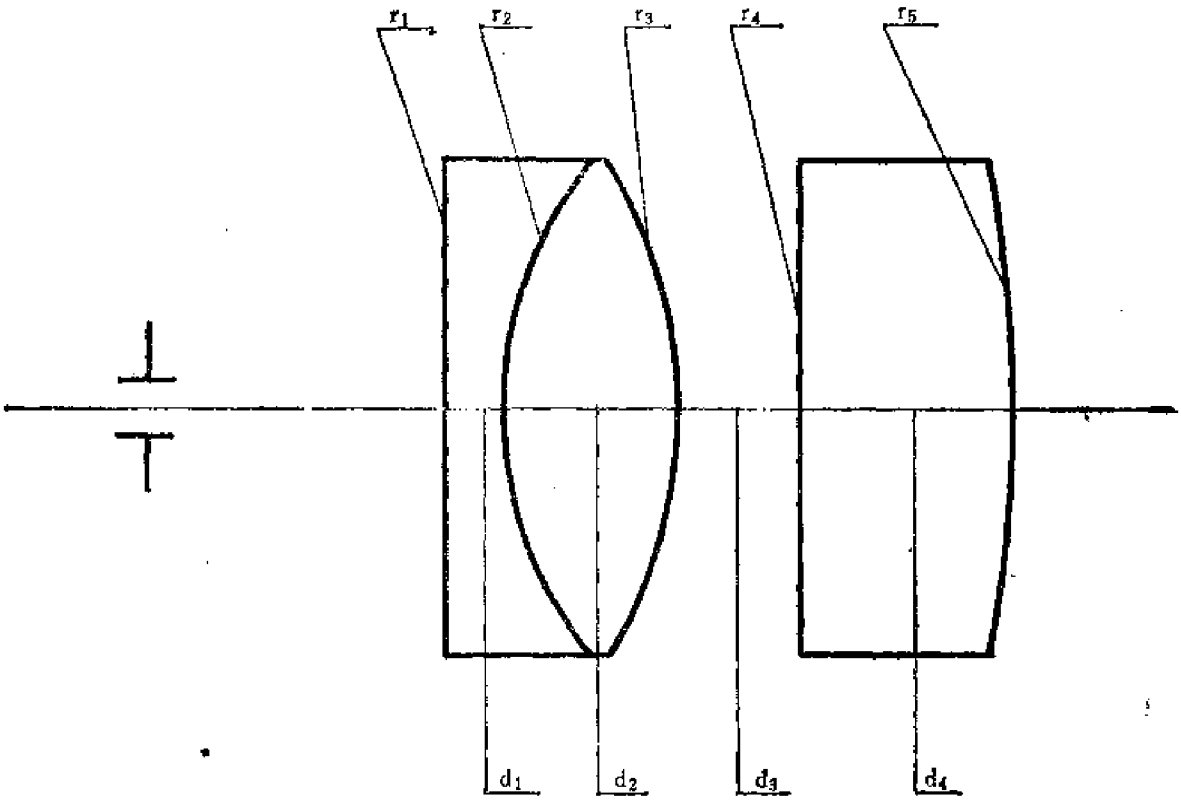


编号：08-01-117

变 焦 距 目 镜

E.F.L=0.5～1　　B.F.L=0.41～－0.56　　$\phi_{出}/2$=0.1**～0.2**

F.A.=±10°**～±10°**



序　号	r	d	n	v
1	∞	0.036	1.617	36.6
2	0.234	0.108	1.517	64.5
3	－0.290	***		
4	∞	0.126	1.617	36.6
5	－0.854			

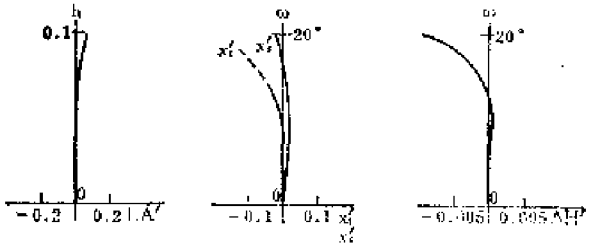
03-01-117-1

	ΣS_1	ΣS_2	ΣS_3	ΣS_4	ΣS_5	HI	QP(1ω)
	0.0040	0.0029	0.0005	0.0019	−0.0009	0.18	−7.3%

h 或 ω %	L_p	l_p'	LA′	OSC′	x_t'	x_s'	$x_t'-x_s'$	K_{T_1}'	$K_{T_{0.7}}'$	ΔH′
100	−0.35	27.8	0.051	0.039	−1.66	−0.02	−1.64	0.111	0.109	−0.01
70			0.025	0.019	−0.023	0.007	−0.030	0.067	−0.012	−0.0001

* * * 1 = 0.073

E. F. L = 0.5 **B. F. L = 0.41** **$\phi_{III}/2 = 0.1$ **** **F. A. = ±20° ****



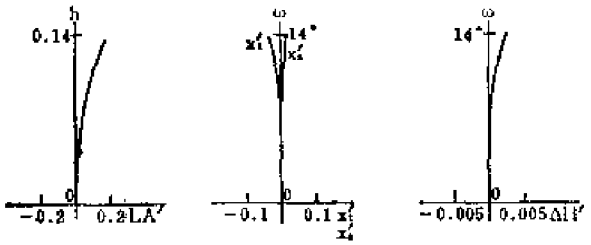
08-01-117-2

	ΣS_1	ΣS_2	ΣS_3	ΣS_4	ΣS_5	HI	QP(1ω)
	0.0120	0.00005	−0.0010	0.0017	−0.0003	0.17	1.4%

h 或 ω %	L_p	l_p'	LA′	OSC′	x_t'	x_s'	$x_t'-x_s'$	K_{T_1}'	$K_{T_{0.7}}'$	ΔH′
100	−0.18	−9.1	0.17	−0.009	−0.027	0.006	−0.033	0.057	−0.012	0.0025
70			0.08	−0.001	−0.010	0.003	−0.013	−0.032	−0.004	0.0009

* * * 1 = 0.648

E. F. L = 0.707 **B. F. L = 0.005** **$\phi_{III}/2 = 0.14$ **** **F. A. = ±14° ****



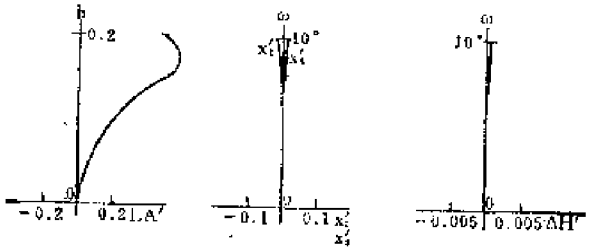
08-01-117-3

	ΣS_1	ΣS_2	ΣS_3	ΣS_4	ΣS_5	HI	QP(1ω)
	0.0518	0.0071	−0.0003	0.0018	−0.0003	0.17	0.19%

h 或 ω %	L_p	l_p'	LA′	OSC′	x_t'	x_s'	$x_t'-x_s'$	K_{T_1}'	$K_{T_{0.7}}'$	ΔH′
100	−0.35	3.2	0.52	−0.05	−0.02	0.01	−0.03	0.085	0.120	0.0003
70			0.40	0.05	−0.002	0.007	−0.009	0.038	−0.043	0.0002

* * * 1 = 1.055

E. F. L = 1 **B. F. L = −0.56** **$\phi_{III}/2 = 0.2$ **** **F. A. = ±10 ****

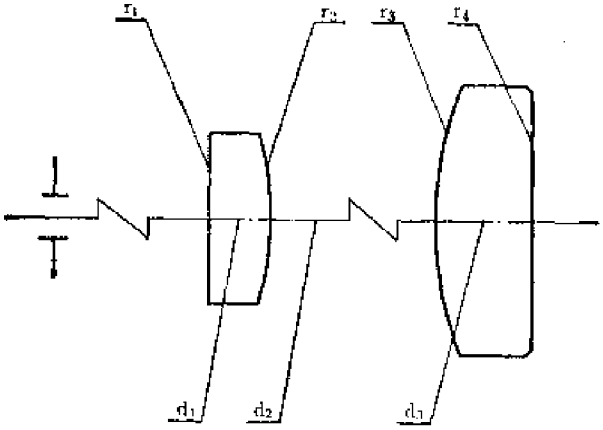


附　录

编号：08-01-M1

简 单 目 镜

E. F. L＝25.64　B. F. L＝4.47　$\phi_{出}/2=0.7$　F. A. ＝±15°　$L_p=-12.5$

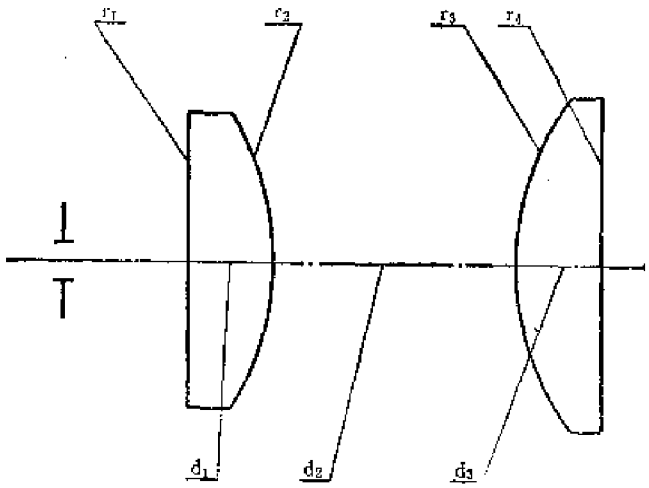


序　号	r	d	n	v
1	∞	3.20	1.5163	64.1
2	−16.56	22.36		
3	20.00	5.00	1.5163	64.1
4	∞			

编号：08-01-M2

简 单 目 镜

E. F. L＝16　B. F. L＝6.44　$\phi_{出}/2=0.875$　F. A. ＝±12°　$L_p=-3.8$

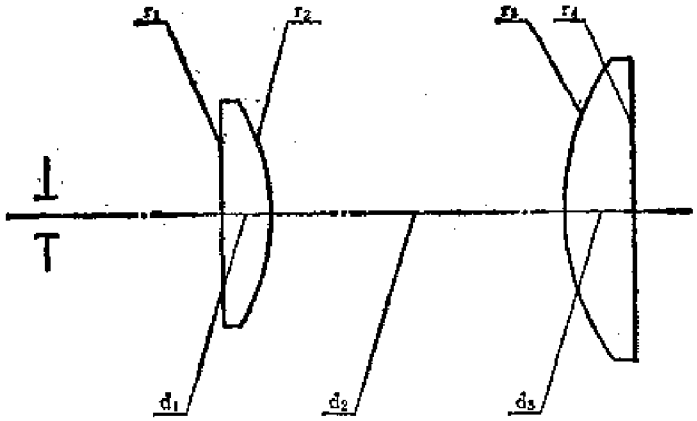


序　号	r	d	n	v
1	∞	3.8	1.5163	64.1
2	−12.88	11.0		
3	12.88	3.8	1.5163	64.1
4	∞			

编号：08-01-M3

简 单 目 镜

E.F.L=12.82　　B.F.L=2.22　　$\phi_{出}/2=1$　　F.A.=±8°　　$L_p=-7$

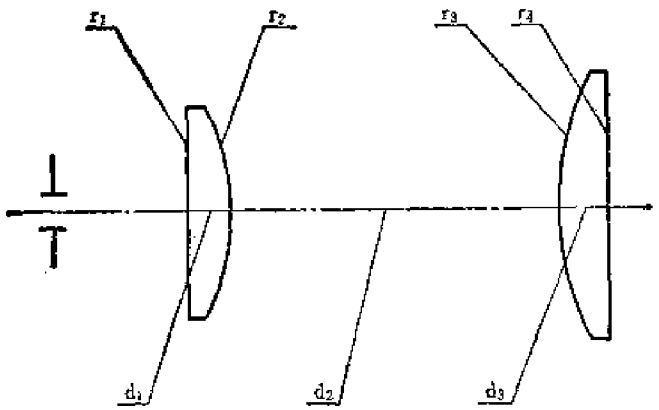


序　　号	r	d	n	v
1	∞	1.60	1.5163	64.1
2	−8.27	11.18		
3	10.00	2.50	1.5163	64.1
4	∞			

编号：08-01-M4

简 单 目 镜

E.F.L=10.01　　B.F.L=2.21　　$\phi_{出}/2=1$　　F.A.=±15°　　$L_p=-3.5$

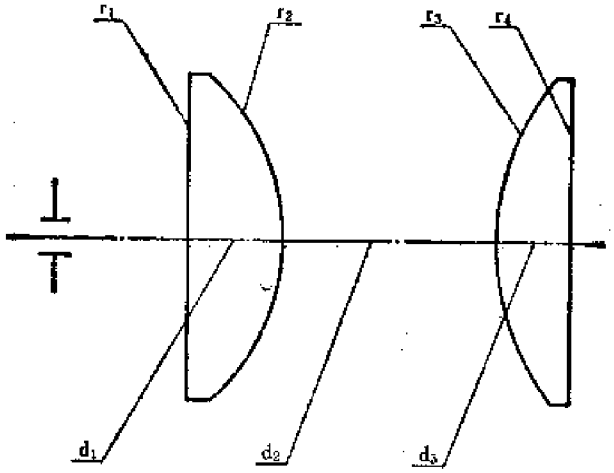


序　　号	r	d	n	v
1	∞	0.96	1.5163	64.1
2	−6.411	8.68		
3	8.014	1.22	1.5163	64.1
4	∞			

编号：08-01-M5

简 单 目 镜

E.F.L=8.11　　B.F.L=2.71　　$\phi_{出}/2=0.61$　　F.A.=±15°　　$L_p=-3.15$

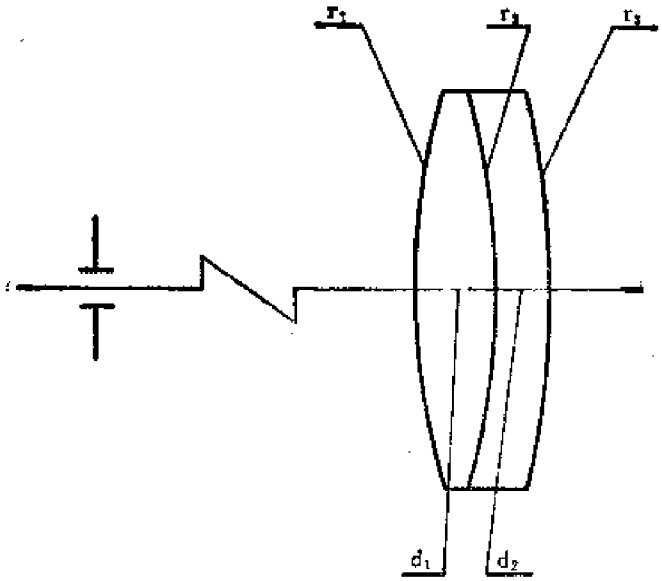


序　号	r	d	n	v
1	∞	2.5	1.5163	64.1
2	−5.85	5.7		
3	7.31	2.0	1.5163	64.1
4	∞			

编号：08-01-M6

简 单 目 镜

E.F.L=112.88　　B.F.L=107.11　　$\phi_{出}/2=2.05$　　F.A.=±6°15′　　$L_p=-93.70$

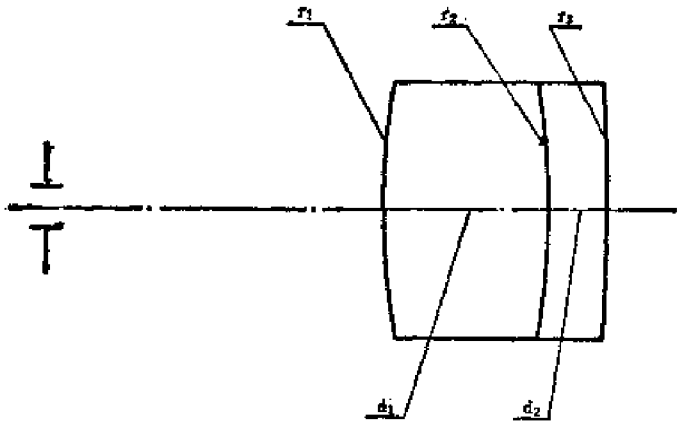


序　号	r	d	n	v
1	66.37	7.3	1.5163	64.1
2	−59.84	5.0	1.7172	29.5
3	−157.76			

编号：08-01-M7

简 单 目 镜

E. F. L＝67.21　　B. F. L＝61.40　　$\phi_{物}/2=6$　　F. A. ≈ ±6°　　$L_p=-16.00$

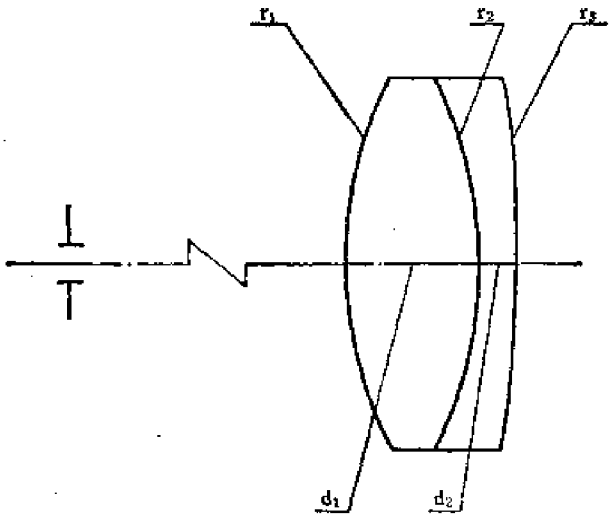


序　　号	r	d	n	v
1	38.34	7.5	1.5688	56.0
2	−33.30	2.5	1.7172	29.5
3	−156.62			

编号：08-01-M8

简 单 目 镜

E. F. L＝45.68　　B. F. L＝39.38　　$\phi_{物}/2=8$　　F. A. ≈ ±12.5°　　$L_p=-44.09$

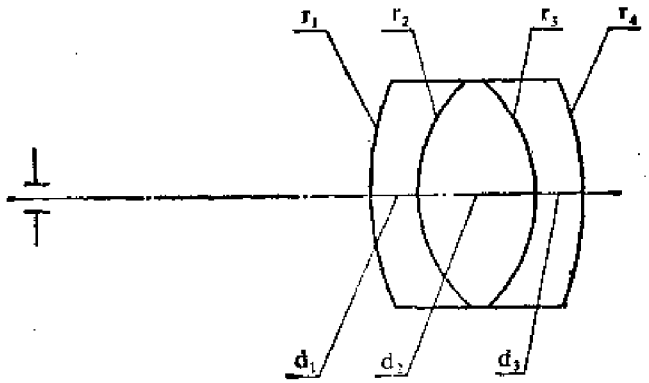


序　　号	r	d	n	v
1	22.66	7	1.5163	64.1
2	−22.66	2	1.6475	33.9
3	−123.52			

编号：08-01-M9

简 单 目 镜

E.F.L＝41.69　B.F.L＝33.20　$\phi_{出}/2=3$　F.A.＝±16.5°　$L_p=-33.2$

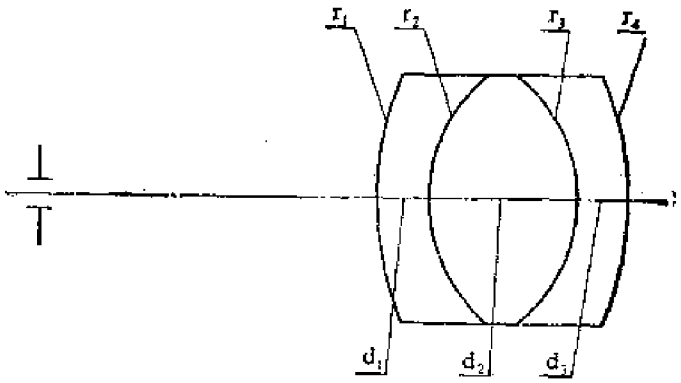


序　号	r	d	n	v
1	30.76	4.6	1.6242	35.9
2	15.24	13.8	1.5163	64.1
3	−15.24	4.6	1.6242	35.9
4	−30.76			

编号：08-01-M10

简 单 目 镜

E.F.L＝25.83　B.F.L＝20.46　$\phi_{出}/2=2$　F.A.＝±17°　$L_p=-20.48$

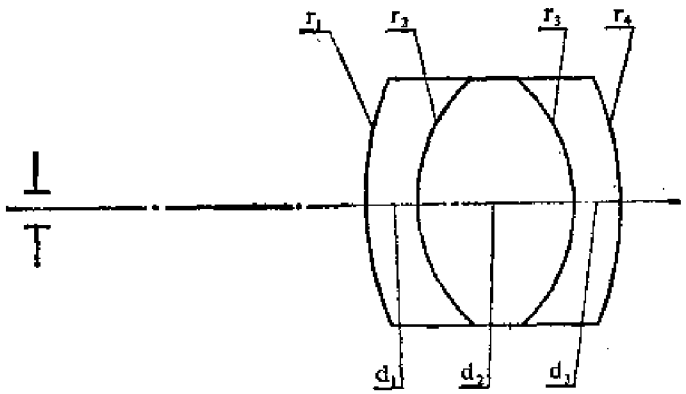


序　号	r	d	n	v
1	19.06	3.0	1.6242	35.9
2	9.48	8.5	1.5163	64.1
3	−9.48	3.0	1.6242	35.9
4	−19.06			

编号：08-01-M11

简 单 目 镜

E.F.L＝22.55　B.F.L＝17.93　$\phi_{出}/2=2$　F.A.＝±15.5°　$L_p=-17.49$

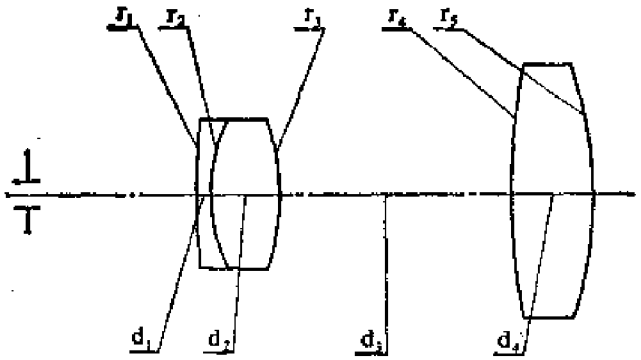


序　号	r	d	n	v
1	16.630	2.5	1.6242	35.9
2	8.241	7.5	1.5163	64.1
3	－8.241	2.5	1.6242	35.9
4	－16.630			

编号：08-01-M12

一 般 目 镜

E.F.L＝49.98　B.F.L＝17.33　$\phi_{出}/2=2$　F.A.＝±20°　$L_p=-25$

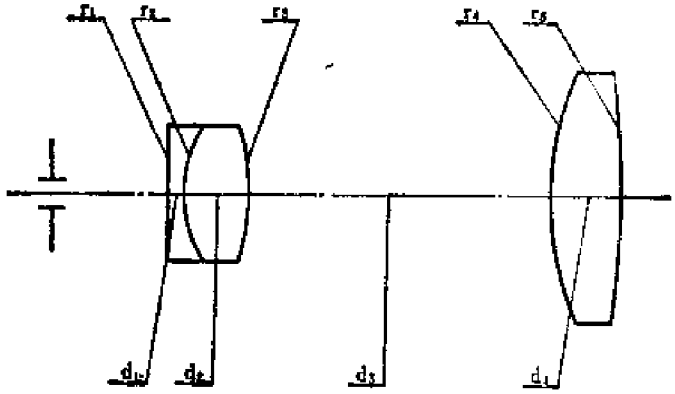


序　号	r	d	n	v
1	144.54	2.5	1.6475	33.9
2	27.04	9.5	1.5399	59.7
3	－36.31	33.3		
4	133.05	12.0	1.5163	64.1
5	－61.94			

编号：08-01-M13

一 般 目 镜

E.F.L=38.52 B.F.L=4.70 $\phi_{出}/2=0.65$ F.A.=±20° $L_p=-13.1$

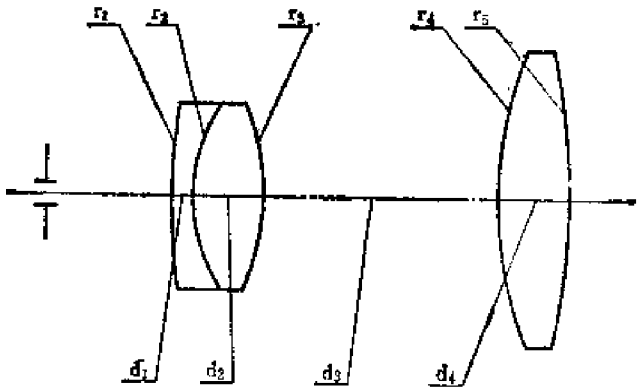


序 号	r	d	n	v
1	∞	1.60	1.6199	36.3
2	15.06	6.75	1.6220	56.7
3	−28.99	35.50		
4	37.40	7.00	1.5163	64.1
5	−121.43			

编号：08-01-M14

一 般 目 镜

E.F.L=25.01 B.F.L=8.60 $\phi_{出}/2=0.5$ F.A.=±24° $L_p=-9.67$

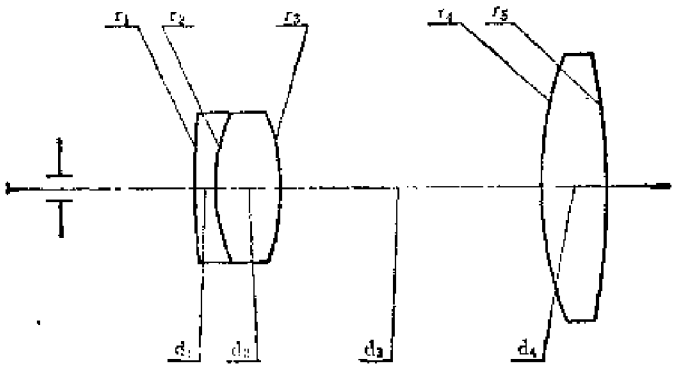


序 号	r	d	n	v
1	96.160	1.5	1.6199	36.3
2	13.709	5.0	1.5399	59.7
3	−18.707	18.0		
4	31.990	5.0	1.5163	64.1
5	−55.340			

编号：08-01-M15

一 般 目 镜

E. F. L＝21.81　B. F. L＝6.01　$\phi_{出}/2=2$　F. A. ＝±22°　$L_p=-9.39$

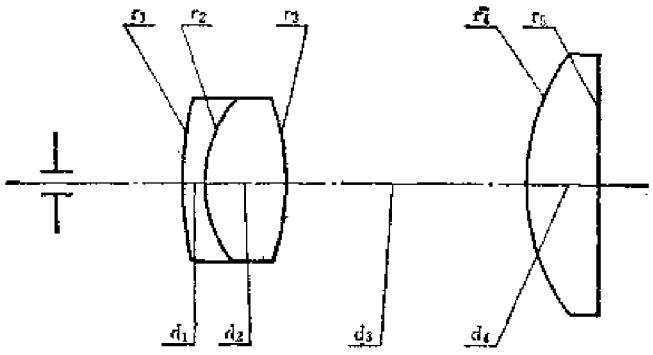


序　号	r	d	n	v
1	80.720	1.3	1.6199	36.3
2	11.590	4.2	1.5399	59.7
3	−15.596	17.0		
4	26.630	4.2	1.5163	64.1
5	−46.580			

编号：08-01-M16

一 般 目 镜

E. F. L＝15.37　B. F. L＝2.69　$\phi_{出}/2=2$　F. A. ＝±20°　$L_p=-6.5$

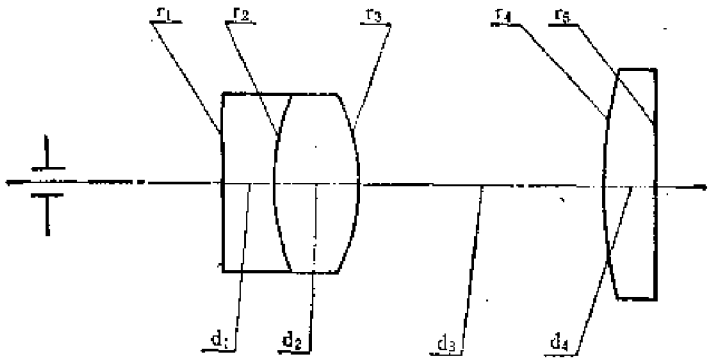


序　号	r	d	n	v
1	72.480	1.10	1.6199	36.3
2	6.699	4.22	1.6088	58.9
3	−13.550	12.66		
4	12.050	3.70	1.5163	64.1
5	∞			

编号：08-01-M17

一 般 目 镜

E. F. L＝10.01　　B. F. L＝3.34　　$\phi_{出}/2$＝0.75　　F. A. ＝±15°　　L_p＝−5.3

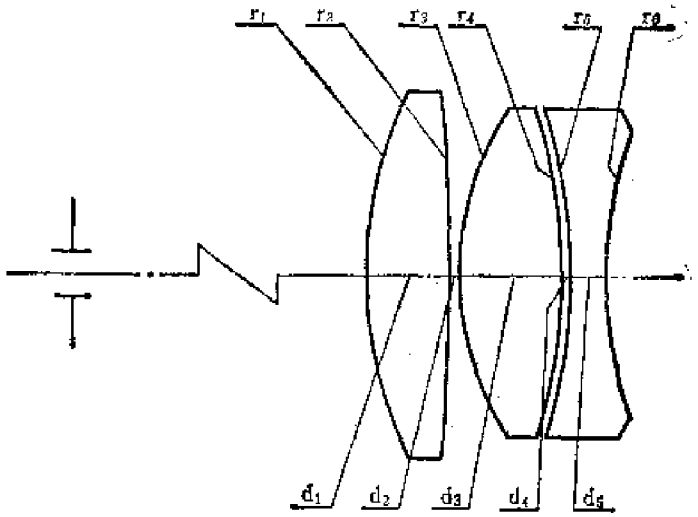


序　号	r	d	n	ν
1	∞	1.5	1.6475	33.9
2	7.01	2.3	1.5467	62.8
3	−5.86	7.3		
4	12.39	1.5	1.5467	62.8
5	∞			

编号：08-01-M18

一 般 目 镜

E. F. L＝61.5　　B. F. L＝40.2　　$\phi_{出}/2$＝8　　F. A. ＝±7°　　L_p＝−156

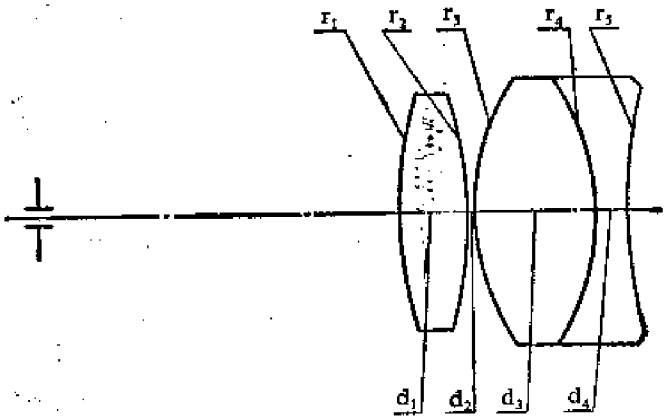


序　号	r	d	n	ν
1	46.32	7.80	1.5163	64.1
2	−253.98	1.40		
3	33.32	11.50	1.5163	64.1
4	−60.90	0.03		
5	−60.90	3.90	1.6475	33.9
6	44.21			

编号：08-01-M19

一 般 目 镜

E.F.L=36.77　　B.F.L=19.30　　$\phi_{出}/2=2.3$　　F.A=±15°　　$L_p=-40.00$

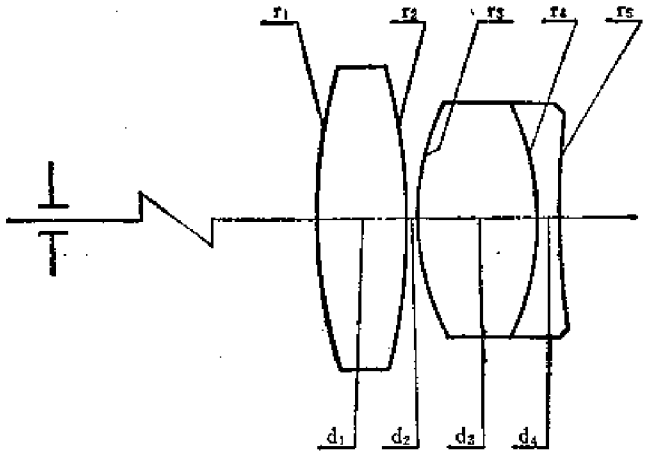


序　号	r	d	n	v
1	50.14	8.0	1.51630	64.1
2	−50.14	0.5		
3	29.04	14.0	1.51630	64.1
4	−29.04	3.5	1.64750	33.9
5	50.14			

编号：08-01-M20

一 般 目 镜

E.F.L=29.99　　B.F.L=19.20　　$\phi_{出}/2=3$　　F.A.=±8°　　$L_p=-71.50$

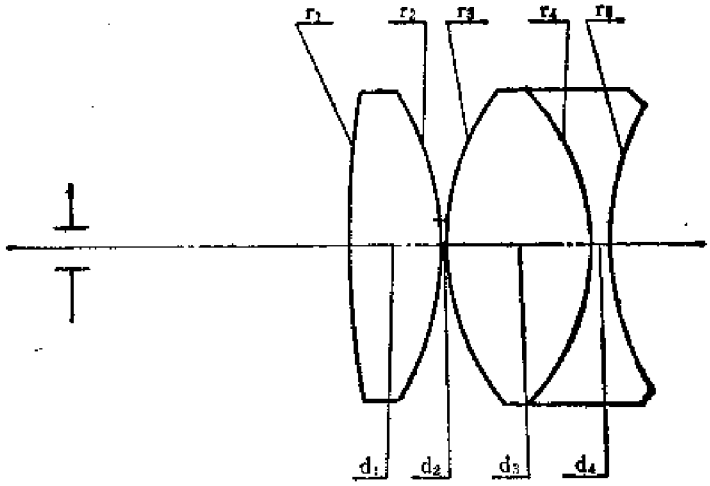


序　号	r	d	n	v
1	48.34	5.5	1.5163	64.1
2	−48.34	1.0		
3	22.62	9.0	1.5163	64.1
4	−22.62	2.0	1.6242	35.9
5	69.16			

编号：08-01-M21

一 般 目 镜

E.F.L＝28.00　　B.F.L＝11.78　　$\phi_{出}/2=1$　　F.A.＝±25°　　$L_p=-20.16$

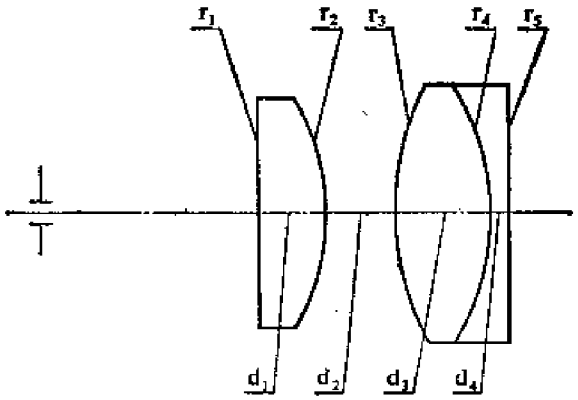


序　号	r	d	n	v
1	91.62	6.60	1.6076	46.1
2	−22.08	0.14		
3	20.04	10.00	1.6222	53.1
4	−16.44	2.00	1.7550	27.5
5	25.12			

编号：08-01-M22

一 般 目 镜

E.F.L＝20.48　　B.F.L＝11.28　　$\phi_{出}/2=1$　　F.A.＝±25°　　$L'_p=-16.08$

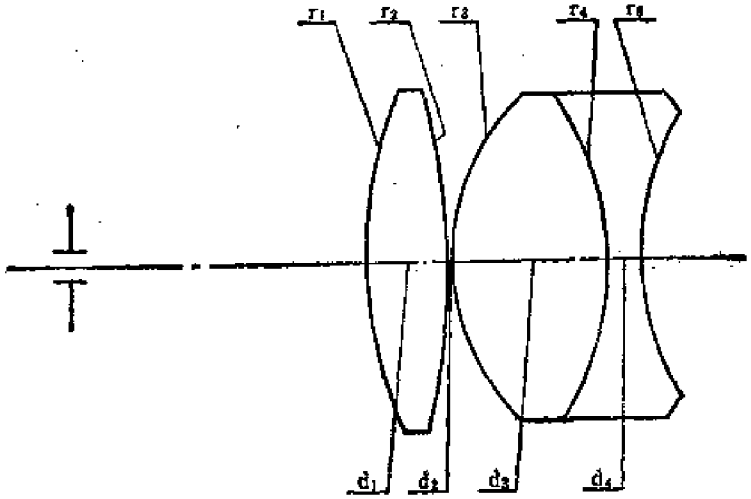


序　号	r	d	n	v
1	∞	5.0	1.5467	62.8
2	−17.06	5.0		
3	20.51	7.0	1.5467	62.8
4	−18.03	1.5	1.7172	29.5
5	∞			

编号：08-01-M23

一 般 目 镜

E.F.L＝18.61　　B.F.L＝7.95　　$\phi_{出}/2=3.5$　　F.A.＝±12°　　$L_p=-25.00$

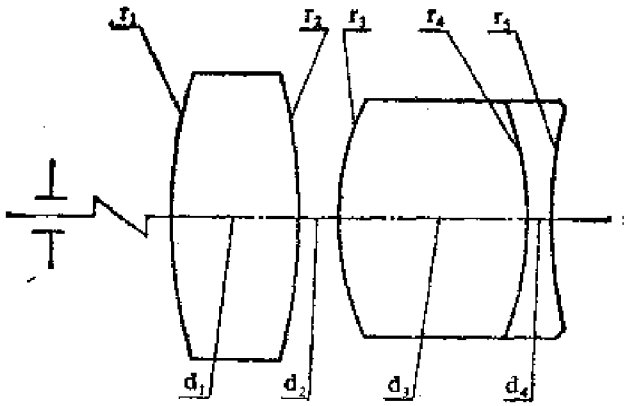


序　　号	r	d	n	v
1	24.210	4.5	1.5163	64.1
2	−38.730	0.1		
3	11.803	8.5	1.5163	64.1
4	−16.144	2.0	1.6242	35.9
5	15.276			

编号：08-01-M24

一 般 目 镜

E.F.L＝18.72　　B.F.L＝6.00　　$\phi_{出}/2=1$　　F.A.＝±16°　　$L_p=-17.64$

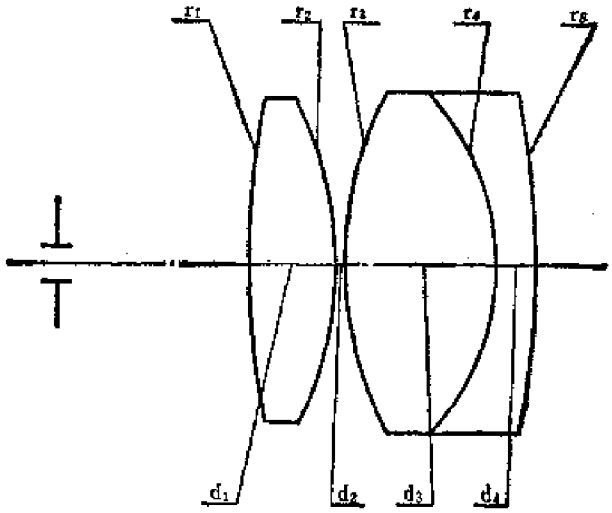


序　　号	r	d	n	v
1	21.230	5.4	1.5163	64.1
2	−24.380	1.7		
3	12.162	8.4	1.5163	64.1
4	−14.158	1.0	1.7550	27.5
5	21.230			

编号：08-01-M25

一 般 目 镜

E. F. L＝15.59　　B. F. L＝8.07　　$\phi_{出}/2=2$　　F. A. ＝±38°　　$L_p=-11.71$

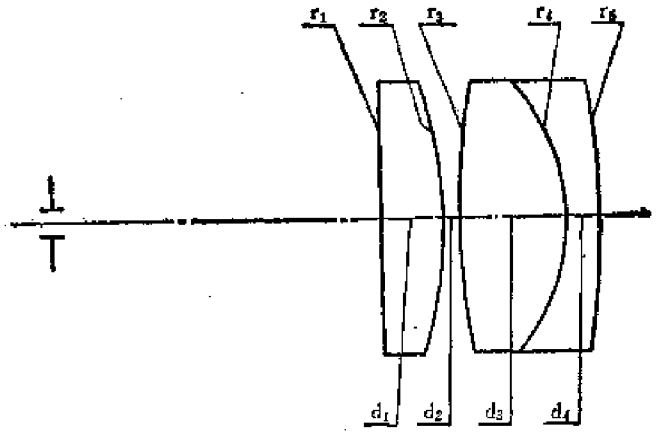


序　号	r	d	n	ν
1	54.200	5.0	1.6126	58.3
2	−20.460	0.4		
3	21.880	8.7	1.6126	58.3
4	−14.488	2.0	1.7398	28.2
5	−149.280			

编号：08-01-M26

一 般 目 镜

E. F. L＝12.94　　B. F. L＝10.42　　$\phi_{出}/2=0.8$　　F. A. ＝±17°　　$L_p=-11$

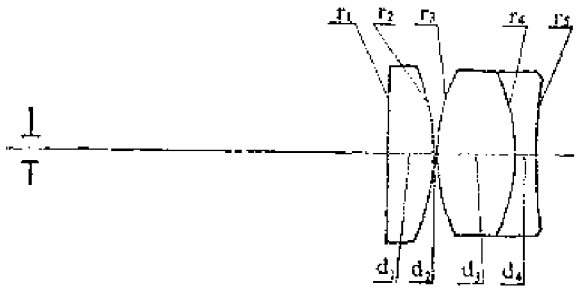


序　号	r	d	n	ν
1	∞	2.0	1.5163	64.1
2	−15.136	0.5		
3	19.498	3.5	1.5891	61.2
4	−6.918	1.0	1.6199	36.3
5	−28.970			

编号：08-01-M27

一 般 目 镜

E.F.L＝11.95　　B.F.L＝8.07　　$\phi_{出}/2$＝0.6　　F.A＝±6.5°　　L_p＝－16.00

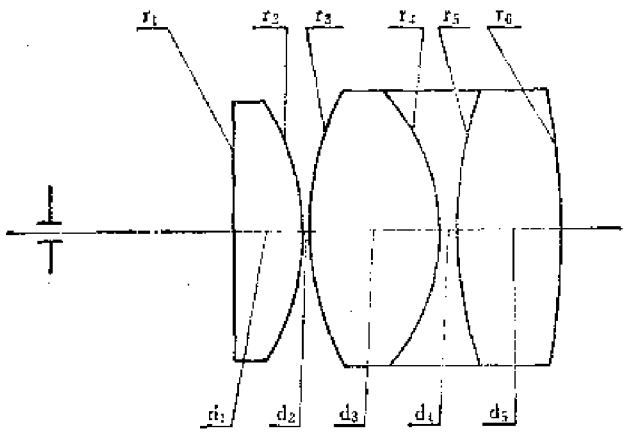


序　　号	r	d	n	v
1	∞	2.0	1.5163	64.1
2	－9.68	0.1		
3	8.77	3.5	1.5163	64.1
4	－8.77	1.0	1.6475	33.9
5	25.39			

编号：08-01-M28

一 般 目 镜

E.F.L＝25.18　　B.F.L＝7.42　　$\phi_{出}/2$＝2　　F.A＝±30°　　L_p＝－20.25

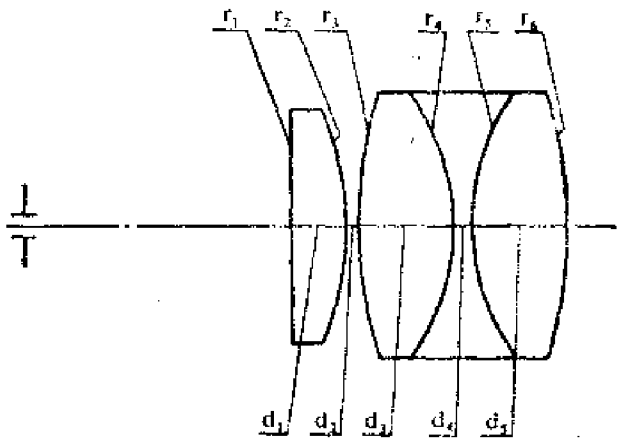


序　　号	r	d	n	v
1	∞	7.0	1.6920	54.2
2	－26.49	0.2		
3	31.99	14.0	1.5688	62.9
4	－21.88	2.0	1.7280	28.3
5	48.31	11.0	1.5688	62.9
6	－78.70			

编号：08-01-M29

一 般 目 镜

E. F. L＝25.02　　B. F. L＝15.35　　$\phi_{像}/2=1.3$　　F. A. ＝±20°　　$L_p=-20.00$

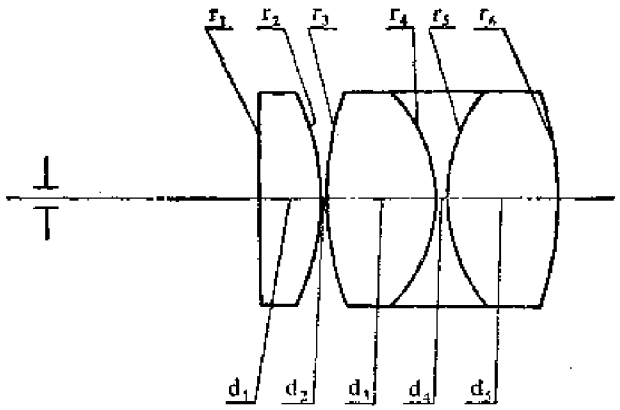


序　　号	r	d	n	v
1	∞	4.0	1.5891	61.2
2	−23.010	1.0		
3	33.650	7.0	1.5163	64.1
4	−16.634	1.5	1.6242	35.9
5	16.634	7.0	1.5163	64.1
6	−33.650			

编号：08-01-M30

一 般 目 镜

E. F. L＝19.88　　B. F. L＝9.72　　$\phi_{像}/2=1$　　F. A. ＝±20°　　$L_p=-16.26$

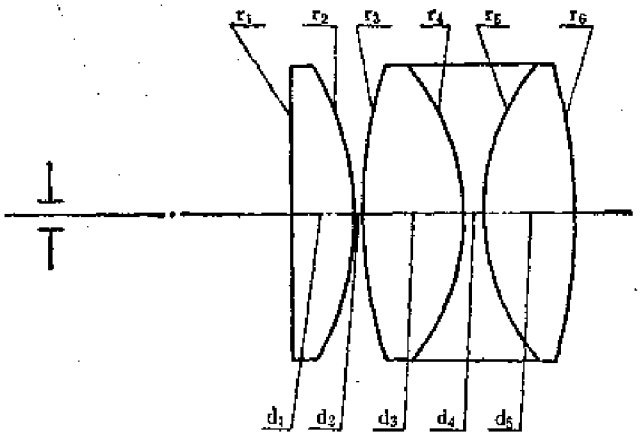


序　　号	r	d	n	v
1	∞	4.6	1.5724	57.5
2	−17.906	0.2		
3	25.530	7.8	1.5147	60.6
4	−12.531	1.9	1.6164	36.6
5	12.531	7.8	1.5147	60.6
6	−25.530			

编号：08-01-M31

一 般 目 镜

E.F.L＝19.63　　B.F.L＝11.14　　$\phi_{出}/2=2$　　F.A.＝±25°　　$L_p=-16.28$

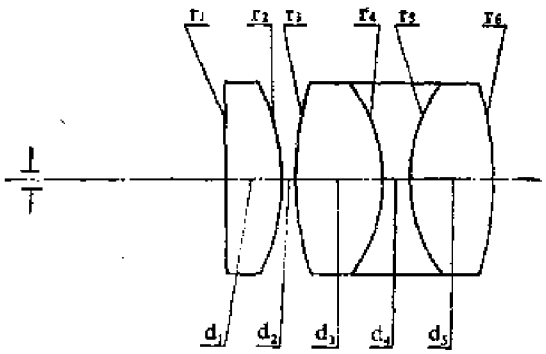


序　号	r	d	n	v
1	∞	4.20	1.7280	28.3
2	−20.180	0.12		
3	31.190	6.80	1.6111	55.8
4	−15.488	1.20	1.7550	27.5
5	15.488	6.20	1.6076	46.1
6	−36.810			

编号：08-01-M32

一 般 目 镜

E.F.L＝8.86　　B.F.L＝4.42　　$\phi_{出}/2=0.4$　　F.A.＝±21.5°　　$L_p=-7.10$

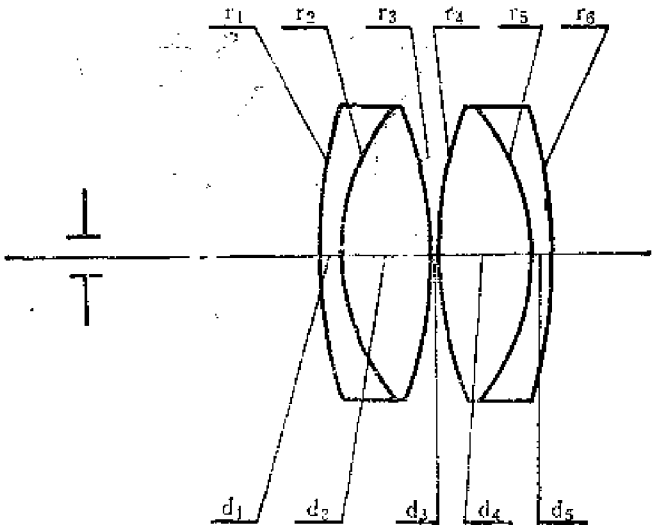


序　号	r	d	n	v
1	∞	2.0	1.5891	61.2
2	−8.10	0.4		
3	11.86	3.0	1.5163	64.1
4	−5.76	1.0	1.6128	36.9
5	5.76	3.0	1.5163	64.1
6	−11.66			

编号：08-01-M33

一 般 目 镜

E. F. L＝50.15　　B. F. L＝36.96　　$\phi_{出}/2=3$　　F. A. ＝±25°　　$L_p=-42.15$

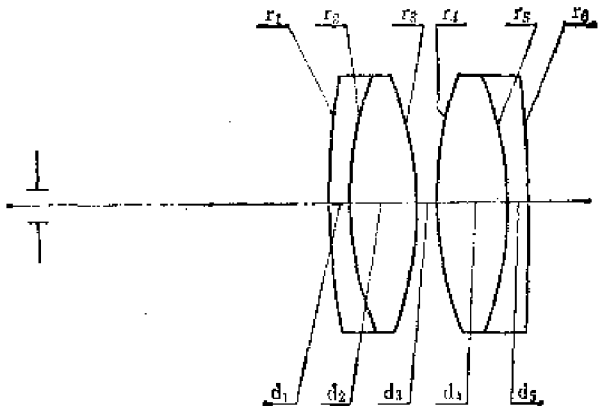


序　号	r	d	n	v
1	92.26	3.0	1.6475	33.9
2	40.46	16.0	1.5163	64.1
3	−72.78	0.1		
4	72.78	16.0	1.5163	64.1
5	−40.46	3.0	1.6475	33.9
6	−92.26			

编号：08-01-M34

一 般 目 镜

E. F. L＝49.87　　B. F. L＝41.06　　$\phi_{出}/2=3$　　F. A. ＝±20°　　$L_p=-42.15$

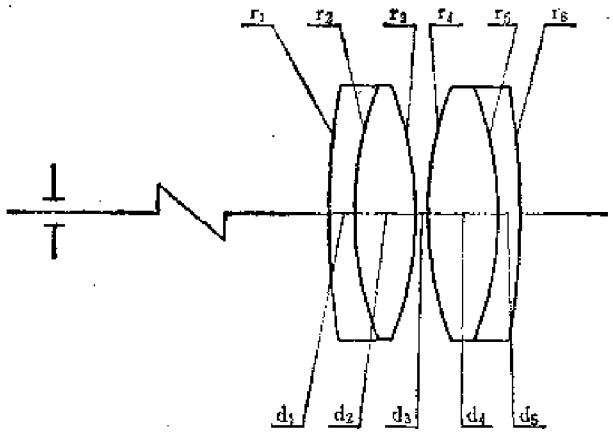


序　号	r	d	n	v
1	341.83	3.00	1.6475	33.9
2	47.02	9.00	1.5163	64.1
3	−47.02	2.06		
4	47.02	9.00	1.5163	64.1
5	−47.02	3.00	1.6475	33.9
6	−341.83			

编号：08-01~M35

一 般 目 镜

E. F. L＝49.88　　B. F. L＝40.63　　$\phi_{出}/2=3.4$　　F. A. ＝±11°　　$L_p=-67.28$

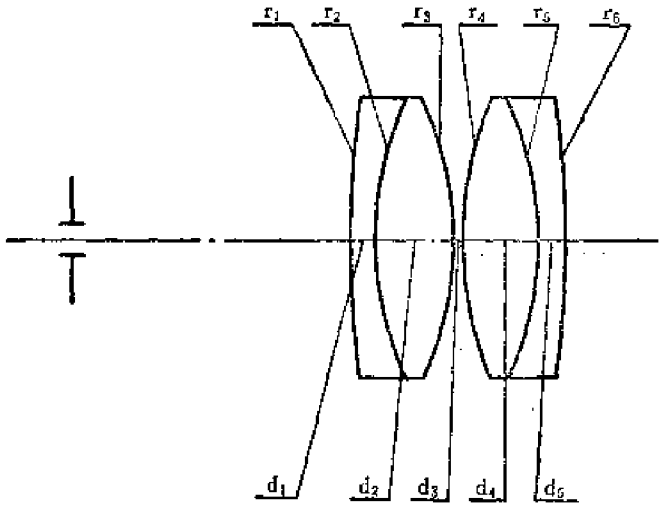


序　　号	r	d	n	v
1	341.83	3.00	1.6475	33.9
2	47.02	9.60	1.5163	64.1
3	−47.02	2.06		
4	47.02	9.60	1.5163	64.1
5	−47.02	3.00	1.6475	
6	−341.83			33.9

编号：08-01-M36

一 般 目 镜

E. F. L＝38.06　　B. F. L＝30.31　　$\phi_{出}/2=3.5$　　F. A. ＝±20°　　$L_p=-30$

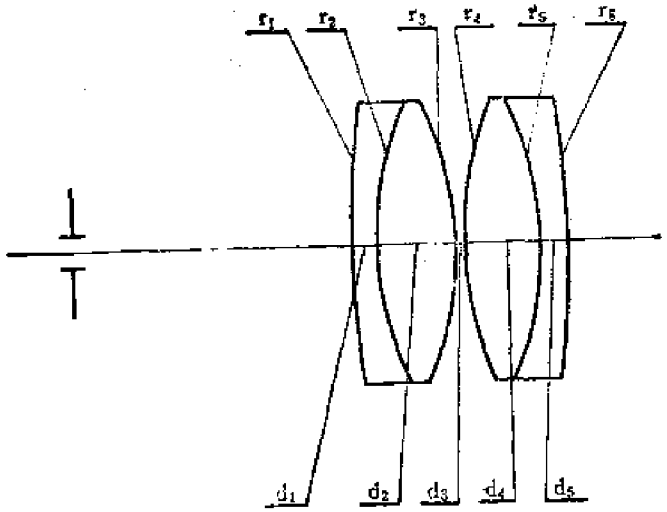


序　　号	r	d	n	v
1	260.60	3.0	1.6475	33.9
2	35.89	7.8	1.5163	64.1
3	−35.89	1.5		
4	35.89	7.8	1.5163	64.1
5	−35.89	3.0	1.6475	33.9
6	−260.60			

编号：08-01-M37

一 般 目 镜

E.F.L=33.37　B.F.L=24.46　$\phi_{出}/2=3.5$　F.A.=±20°　$L_p=-30$

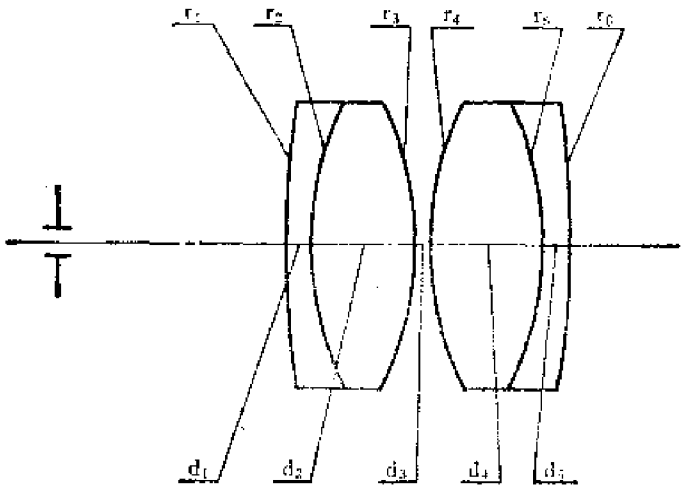


序　号	r	d	n	v
1	200.000	2.5	1.6475	33.9
2	32.396	10.0	1.5163	64.1
3	−32.396	1.6		
4	32.396	10.0	1.5163	64.1
5	−32.396	2.5	1.6475	33.9
6	−200.000			

编号：08-01-M38

一 般 目 镜

E.F.L=29.84　B.F.L=21.82　$\phi_{出}/2=3$　F.A.=±21.5°　$L_p=-20$

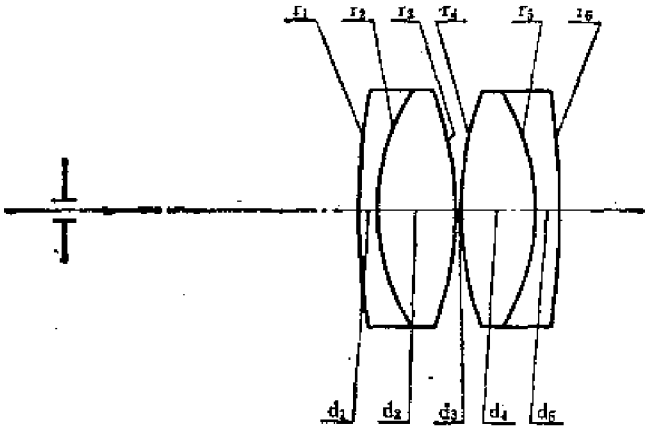


序　号	r	d	n	v
1	179.89	2.25	1.6475	33.9
2	28.93	9.00	1.5163	64.1
3	−28.93	1.35		
4	28.93	9.00	1.5163	64.1
5	−28.93	2.25	1.6475	33.9
6	−179.89			

编号：08-01-M39

一 般 目 镜

E.F.L＝27.61　　B.F.L＝21.13　　$\phi_{出}/2=2$　　F.A.＝±18°　　$L_p=-27.5$

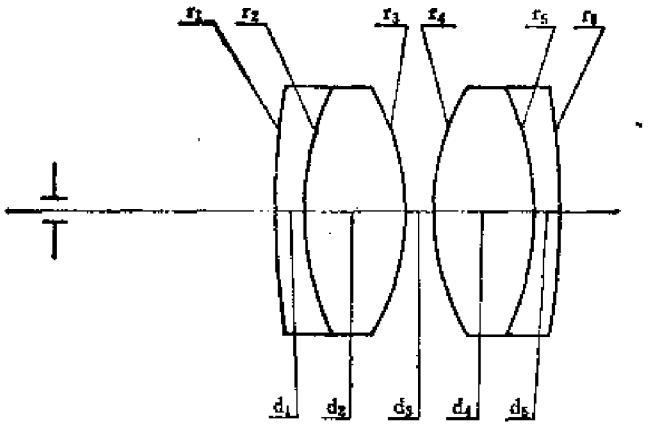


序　号	r	d	n	v
1	83.45	2.0	1.6164	36.6
2	20.39	7.3	1.5163	64.1
3	−31.44	0.5		
4	31.44	7.3	1.5163	64.1
5	−20.39	2.0	1.6164	36.6
6	−83.45			

编号：08-01-M40

一 般 目 镜

E.F.L＝25.90　　B.F.L＝18.26　　$\phi_{出}/2=3$　　F.A.＝±19°　　$L_p=-21.27$

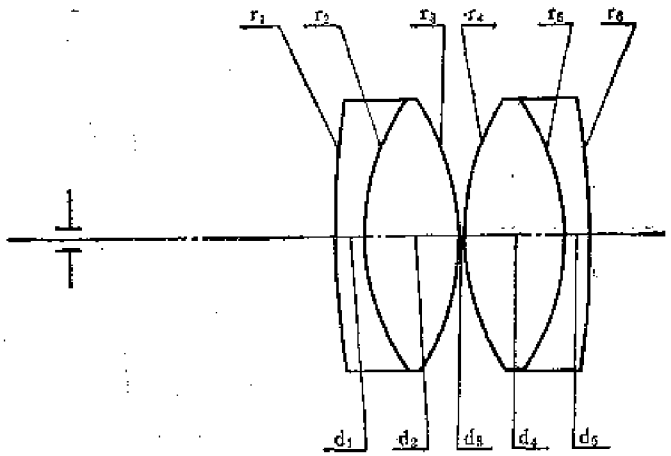


序　号	r	d	n	v
1	331.90	2.5	1.6475	33.9
2	28.05	9.0	1.5163	64.1
3	−23.93	2.5		
4	23.93	9.0	1.5163	64.1
5	−28.05	2.5	1.6475	33.9
6	−331.90			

编号：08-01-M41

一 般 目 镜

E.F.L＝25.66　　B.F.L＝19.16　　$\phi_{出}/2=3$　　F.A.＝±20°　　$L_p=-21.27$

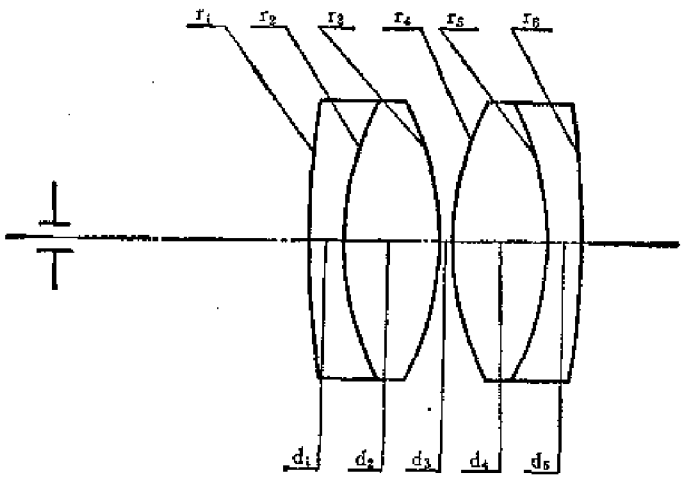


序　　号	r	d	n	v
1	71.710	2.0	1.6164	36.6
2	19.305	7.5	1.5163	64.1
3	−30.210	0.2		
4	30.210	7.5	1.5163	64.1
5	−19.305	2.0	1.6164	36.6
6	−71.710			

编号：08-01-M42

一 般 目 镜

E.F.L＝24.50　　B.F.L＝18.23　　$\phi_{出}/2=2.5$　　F.A.＝±20°　　$L_p=-19$

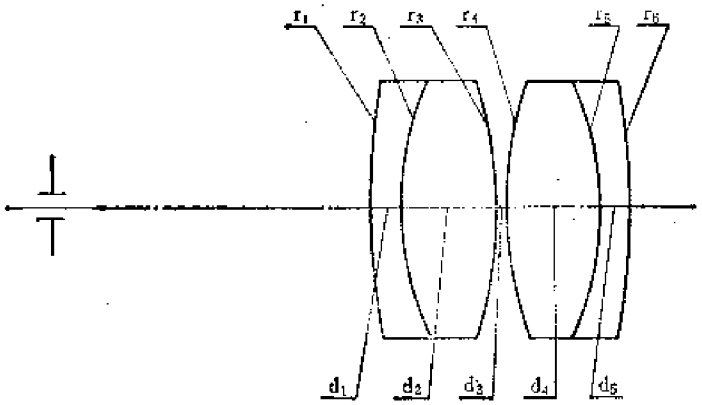


序　　号	r	d	n	v
1	154.53	2.5	1.6475	33.9
2	24.21	7.5	1.5163	64.1
3	−24.21	0.5		
4	24.21	7.5	1.5163	64.1
5	−24.21	2.5	1.6475	33.9
6	−154.53			

编号：08-01-M43

一 般 目 镜

E. F. L＝22.27　B. F. L＝18.54　$\phi_{出}/2=1.6$　F. A. ＝±12.5°　$L_p=-23.18$

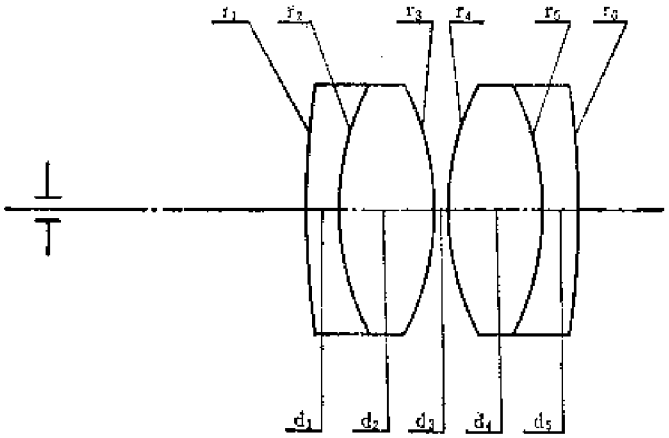


序　号	r	d	n	v
1	498.900	1.4	1.6164	33.6
2	19.907	4.0	1.5163	64.1
3	－19.907	0.5		
4	19.907	4.0	1.5163	64.1
5	－19.907	1.4	1.6164	33.6
6	－498.900			

编号：08-01-M44

一 般 目 镜

E. F. L＝22.24　B. F. L＝15.83　$\phi_{出}/2=2.2$　F. A. ＝±20°　$L_p=-21.39$

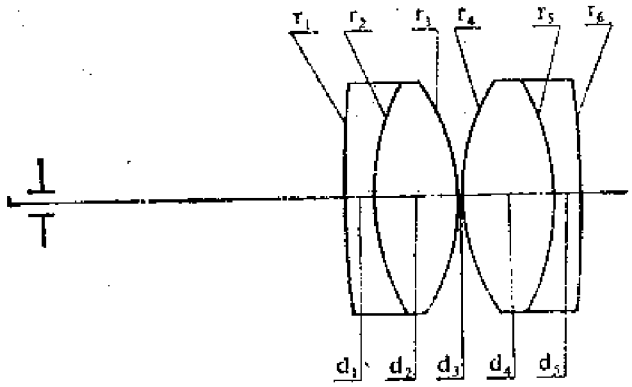


序　号	r	d	n	v
1	137.72	2.20	1.6475	33.9
2	21.58	7.30	1.5163	64.1
3	－21.58	0.45		
4	21.58	7.30	1.5163	64.1
5	－21.58	2.20	1.6475	33.9
6	－137.72			

编号：08-01-M45

一 般 目 镜

E.F.L=22.16　　B.F.L=14.86　　$\phi_{出}/2=2.5$　　F.A.=±17°　　$L_p=-29.51$

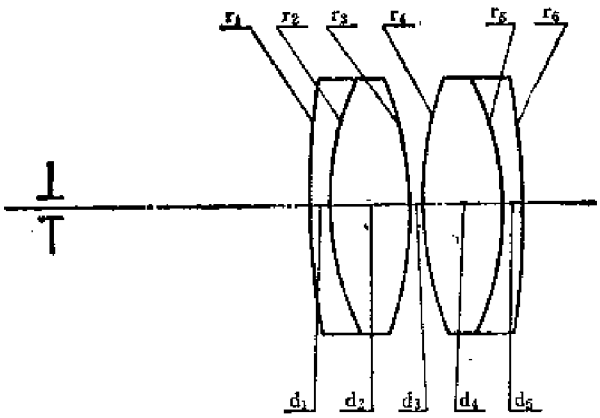


序　号	r	d	n	v
1	303.40	2.5	1.6475	33.9
2	24.21	8.5	1.5163	64.1
3	-20.46	0.5		
4	20.46	8.5	1.5163	64.1
5	-24.21	2.5	1.6475	33.9
6	-303.40			

编号：08-01-M46

一 般 目 镜

E.F.L=21.51　　B.F.L=16.63　　$\phi_{出}/2=2$　　F.A.=±20°　　$L_p=-16.72$

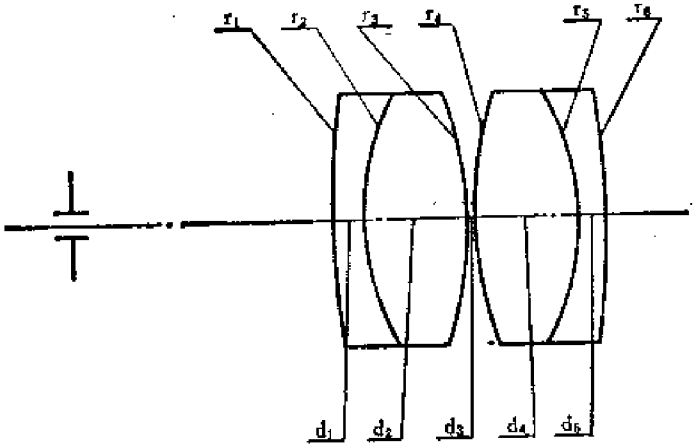


序　号	r	d	n	v
1	67.45	1.3	1.6164	36.6
2	20.51	5.2	1.5163	64.1
3	-25.53	1.0		
4	25.53	5.2	1.5163	64.1
5	-20.51	1.3	1.6164	36.6
6	-67.45			

编号：08-01-M47

一 般 目 镜

E. F. L＝21.27　　B. F. L＝15.67　　$\phi_{出}/2=2.5$　　F. A. ＝±19°　　$L_p=-14.88$

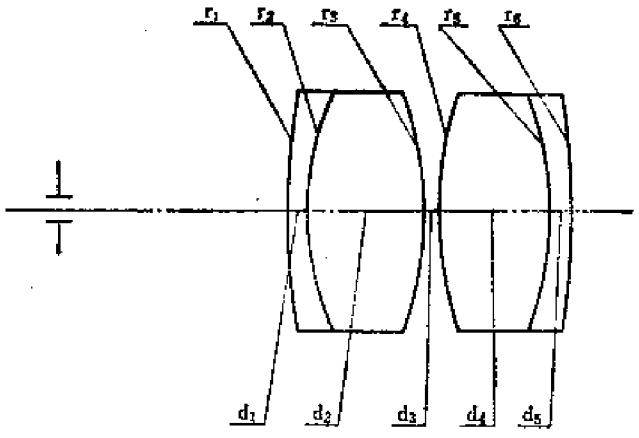


序　　号	r	d	n	v
1	59.40	1.70	1.6164	36.6
2	15.99	6.20	1.5163	64.1
3	−25.03	0.17		
4	25.03	6.20	1.5163	64.1
5	−15.99	1.70	1.6164	36.6
6	−59.40			

编号：08-01-M48

一 般 目 镜

E. F. L＝20.10　　B. F. L＝14.72　　$\phi_{出}/2=2$　　F. A. ＝±13°　　$L_p=-14.6$

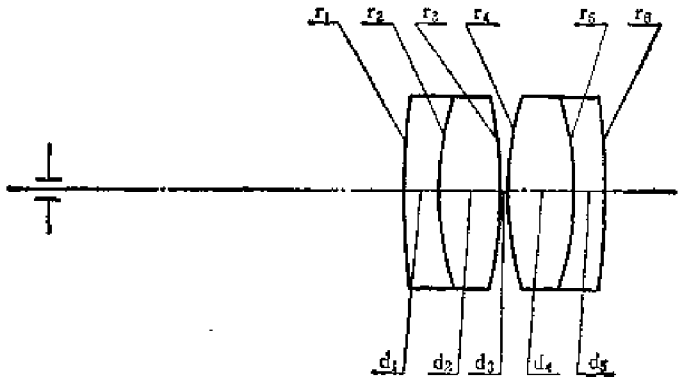


序　　号	r	d	n	v
1	56.62	1.0	1.6164	36.6
2	15.96	6.2	1.5163	64.1
3	−23.71	1.0		
4	23.71	6.2	1.5163	64.1
5	−15.96	1.0	1.6164	36.6
6	−56.62			

编号：08-01-M49

一 般 目 镜

E. F. L＝18.24　　B. F. L＝15.34　　$\phi_{出}/2=2$　　F. A. ＝±11.5°　　$L_p=-15.19$

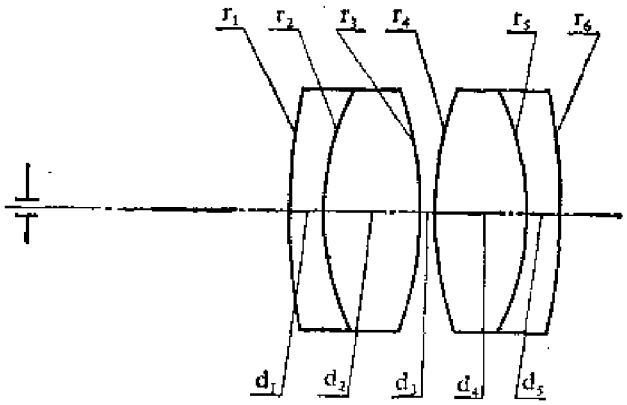


序　　号	r	d	n	v
1	44.980	1.5	1.6475	33.9
2	14.256	2.5	1.5163	64.1
3	-22.030	0.5		
4	22.030	2.5	1.5163	64.1
5	-14.256	1.5	1.6475	33.9
6	-44.980			

编号：08-01-M50

一 般 目 镜

E. F. L＝16.99　　B. F. L＝12.48　　$\phi_{出}/2=2$　　F. A. ＝±18°　　$L_p=-14.26$

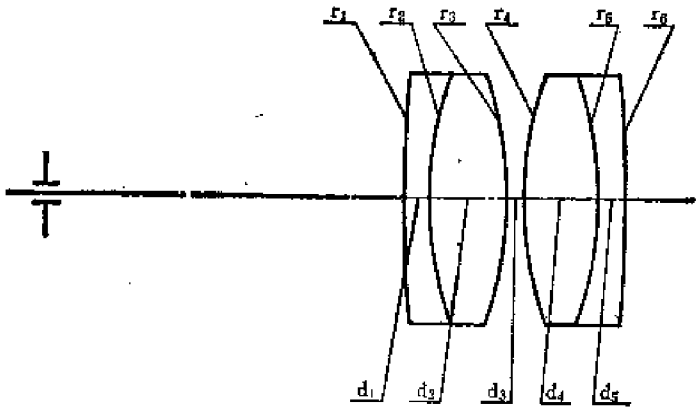


序　　号	r	d	n	v
1	50.350	1.5	1.6164	36.6
2	16.596	5.1	1.5163	64.1
3	-20.650	0.1		
4	20.650	5.1	1.5163	64.1
5	-16.596	1.5	1.6164	36.6
6	-50.350			

编号：08-01-M51

一 般 目 镜

E. F. L＝15.29　　B. F. L＝10.96　　$\phi_{出}/2=1.4$　　F. A. ＝±19°　　$L_p=-13$

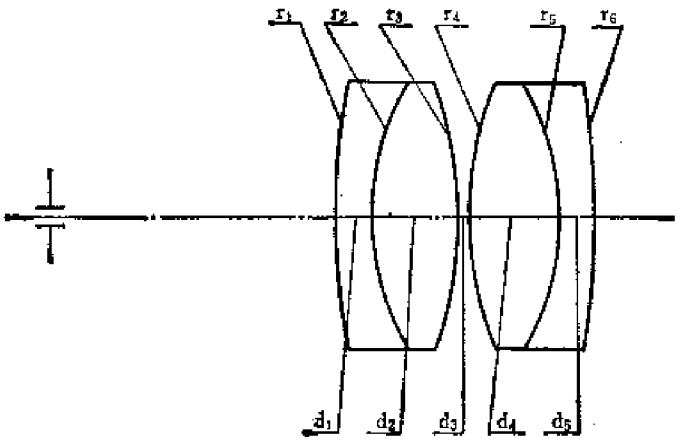


序　　号	r	d	n	v
1	42.70	1.5	1.6164	36.6
2	13.50	4.5	1.5163	64.1
3	−18.42	0.5		
4	18.42	4.5	1.5163	64.1
5	−13.50	1.5	1.6164	36.6
6	−42.70			

编号：08-01-M52

一 般 目 镜

E. F. L＝15.21　　B. F. L＝11.27　　$\phi_{出}/2=1.4$　　F. A. ＝±19°　　$L_p=-13$

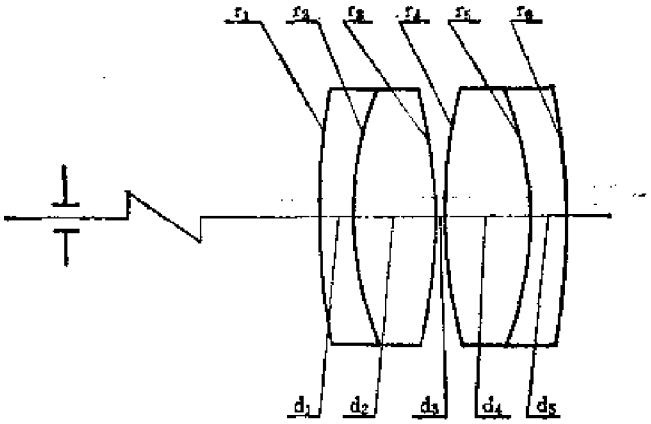


序　　号	r	d	n	v
1	36.75	1.50	1.6475	33.9
2	11.65	4.00	1.5163	64.1
3	−17.99	0.45		
4	17.99	4.00	1.5163	64.1
5	−11.65	1.50	1.6475	33.9
6	−36.75			

编号：08-01-M53

一 般 目 镜

E. F. L＝12.07　　B. F. L＝9.77　　$\phi_{出}/2=0.8$　　F. A. ＝±18.5°　　$L_p=-11.8$

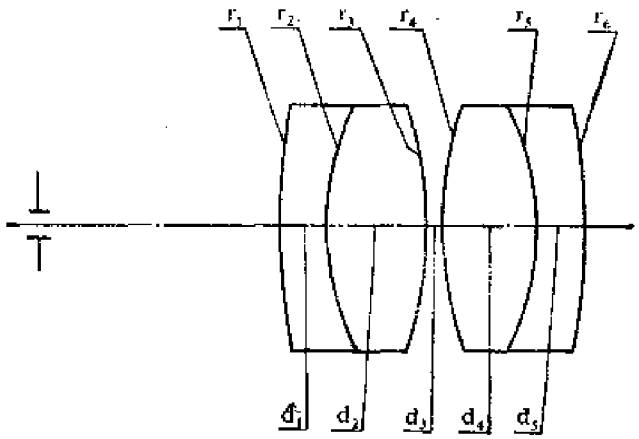


序　号	r	d	n	v
1	29.58	1.00	1.6475	33.9
2	9.37	2.20	1.5163	64.1
3	−14.49	0.38		
4	14.49	2.20	1.5163	64.1
5	−9.37	1.00	1.6475	33.9
6	−29.58			

编号：08-01-M54

一 般 目 镜

E. F. L＝10.15　　B. F. L＝6.96　　$\phi_{出}/2=1$　　F. A. ＝±20°　　$L_p=-7.5$

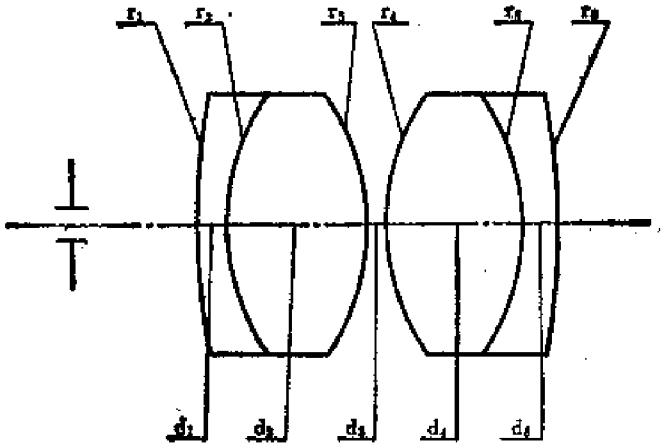


序　号	r	d	n	v
1	27.670	1.4	1.6164	36.6
2	8.356	2.9	1.5163	64.1
3	−11.960	0.5		
4	11.960	2.9	1.5163	64.1
5	−8.356	1.4	1.6164	36.6
6	−27.670			

编号：08-01-M55

一 般 目 镜

E. F. L＝8.27　　B. F. L＝4.24　　$\phi_{出}/2=0.2$　　F. A. ＝±25°　　$L_p=-4$

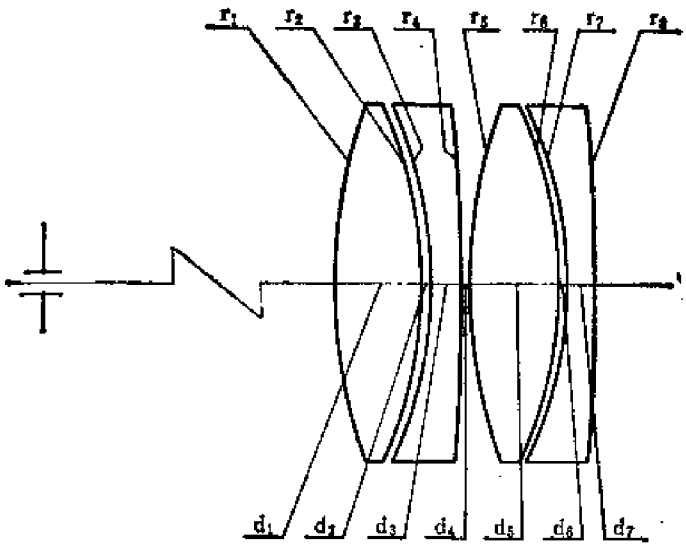


序　　号	r	d	n	v
1	55.980	1.2	1.6475	33.9
2	7.878	4.6	1.5163	64.1
3	−7.878	0.5		
4	7.878	4.6	1.5163	64.1
5	−7.878	1.2	1.6475	33.9
6	−55.980			

编号：08-01-M56

一 般 目 镜

E. F. L＝102.88　　B. F. L＝81.11　　$\phi_{出}/2=3$　　F. A. ＝±15°　　$L_p=-115$

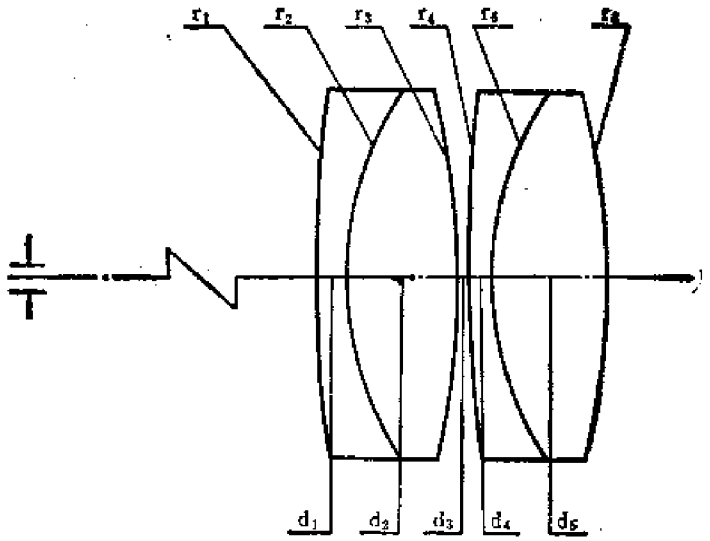


序号	r	d	n	v	序号	r	d	n	v
1	115.78	18.60	1.5163	64.1	5	115.78	18.60	1.5163	64.1
2	−94.19	0.03			6	−94.19	0.03		
3	−94.19	6.00	1.6475	33.9	7	−94.19	6.00	1.6475	33.9
4	−313.30	0.40			8	−313.30			

编号：08-01-M57

一 般 目 镜

E. F. L＝52.68　　B. F. L＝43.66　　$\phi_{出}/2=3.5$　　F. A. ＝±15°　　$L_p=-50$

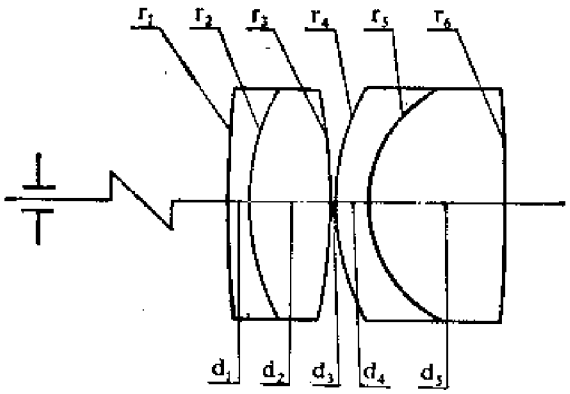


序　　号	r	d	n	v
1	109.71	3.0	1.6475	33.9
2	35.95	11.5	1.5688	56.0
3	−87.57	0.5		
4	109.71	3.0	1.6475	33.9
5	35.95	11.5	1.5688	56.0
6	−87.57			

编号：08-01-M58

一 般 目 镜

E. F. L＝30.58　　B. F. L＝17.78　　$\phi_{出}/2=4.5$　　F. A. ＝±15.5°　　$L_p=-32$

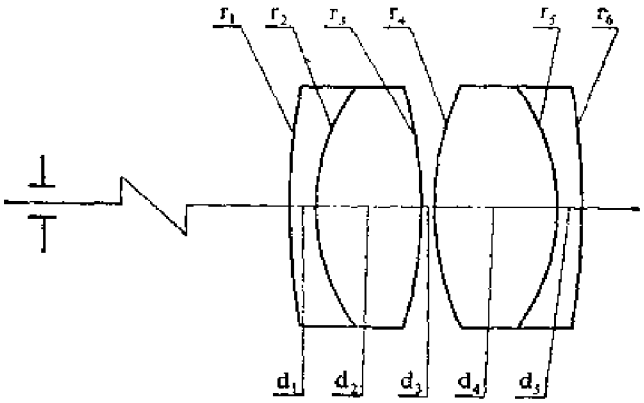


序　　号	r	d	n	v
1	100.004	3.00	1.6128	36.9
2	30.111	9.00	1.6088	58.9
3	−79.890	0.25		
4	35.122	4.00	1.6259	39.1
5	15.070	16.00	1.6220	56.7
6	−134.370			

编号：08-01-M59

一 般 目 镜

E. F. L＝20.26　　B. F. L＝12.92　　$\phi_{出}/2=1.5$　　F. A. ＝±19.5°　　$L_p=-11$

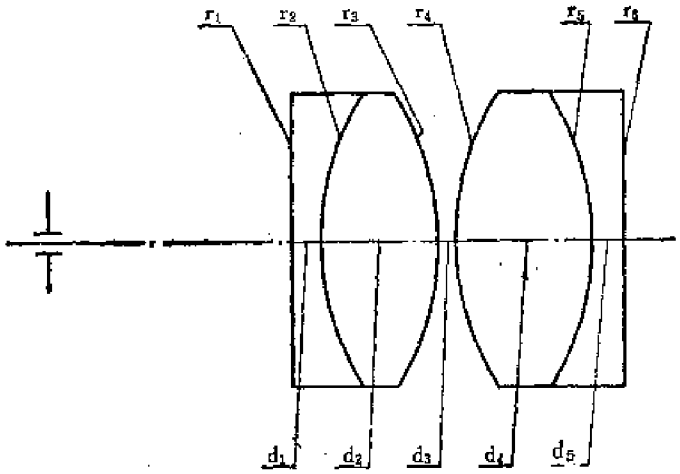


序　号	r	d	n	v
1	205.600	2	1.6164	36.6
2	15.488	8	1.6130	60.6
3	−33.270	1		
4	22.070	9	1.6130	60.6
5	−15.488	2	1.6164	36.6
6	−205.600			

编号：08-01-M60

一 般 目 镜

E. F. L＝19.83　　B. F. L＝12.09　　$\phi_{出}/2=2$　　F. A. ＝±25°　　$L_p=-16$

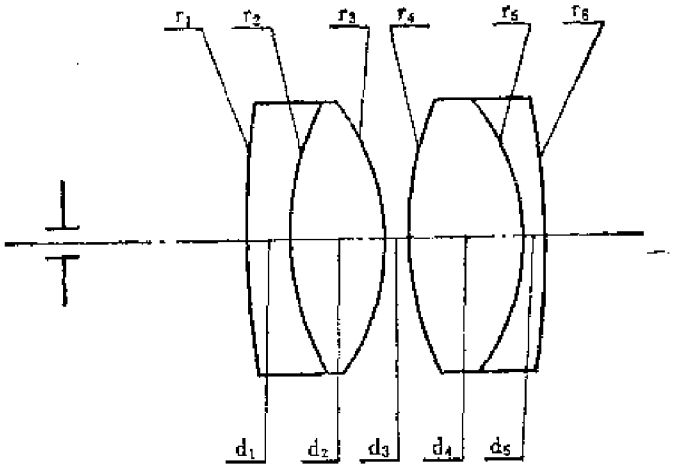


序　号	r	d	n	v
1	∞	2	1.6475	33.9
2	18.88	8	1.5724	57.5
3	−18.88	1		
4	18.88	9	1.5153	64.1
5	−18.88	2	1.6199	36.3
6	∞			

编号：08-01-M61

一 般 目 镜

E.F.L＝19.78　B.F.L＝10.88　$\phi_{出}/2$＝2　F.A.＝±26°　L_p＝−16

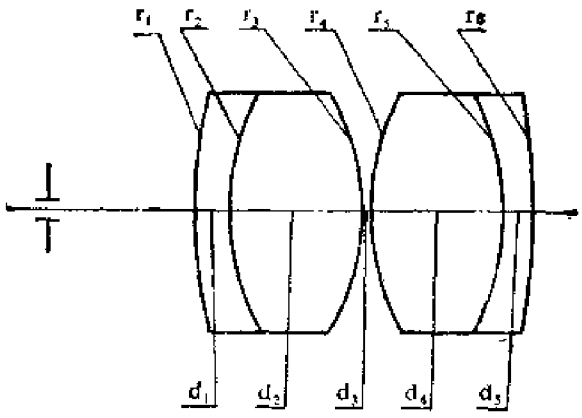


序　号	r	d	n	v
1	148.59	3.40	1.6475	33.9
2	25.59	8.06	1.6111	55.8
3	−20.00	1.54		
4	28.99	10.20	1.5524	63.3
5	−19.34	1.70	1.7280	28.3
6	−72.44			

编号：08-01-M62

一 般 目 镜

E.F.L＝9.51　B.F.L＝5.43　$\phi_{出}/2$＝0.8　F.A.＝±20.5°　L_p＝−5.60

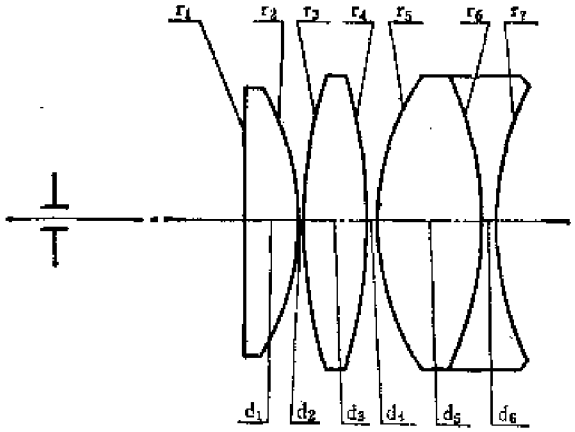


序　号	r	d	n	v
1	56.75	1.30	1.6475	33.9
2	7.96	4.70	1.5163	64.1
3	−8.65	0.44		
4	9.70	4.70	1.5163	64.1
5	−9.70	1.30	1.6475	33.9
6	−56.75			

编号：08-01-M63

中 等 视 场 目 镜

E.F.L=30.63　B.F.L=13.71　$\phi_{出}/2=2.5$　F.A.=±30°　$L_p=-25.42$

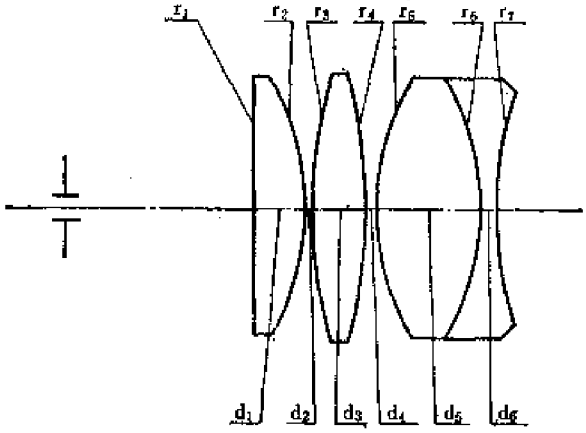


序　号	r	d	n	v
1	∞	7.2	1.5163	64.1
2	−36.14	0.7		
3	68.55	8.0	1.5163	64.1
4	−68.55	0.1		
5	36.14	14.0	1.5294	51.6
6	−52.00	2.0	1.6475	33.9
7	39.45			

编号：08-01-M64

中 等 视 场 目 镜

E.F.L=22.02　B.F.L=9.15　$\phi_{出}/2=1.25$　F.A.=±30°　$L_p=-19.77$

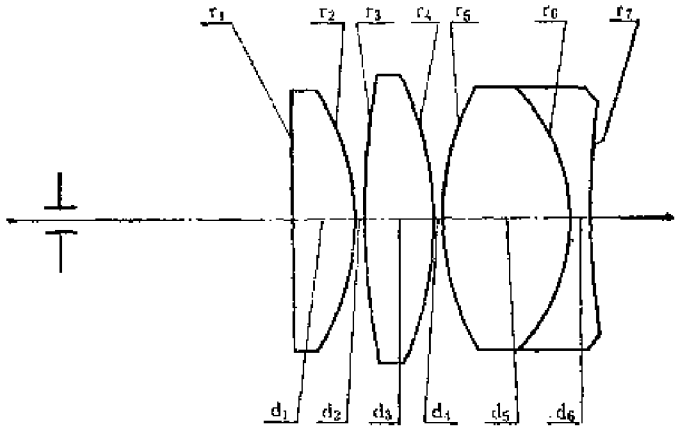


序　号	r	d	n	v
1	∞	5.5	1.5467	62.8
2	−27.54	0.2		
3	54.95	6.0	1.5467	62.8
4	−54.95	0.2		
5	27.54	11.0	1.5467	62.8
6	−27.54	2.0	1.7398	28.2
7	43.25			

编号：08-01-M65

中等视场目镜

E.F.L=20.00　B.F.L=7.11　$\phi_{出}/2=1.25$　F.A.=±28.5°　$L_p=-19.27$

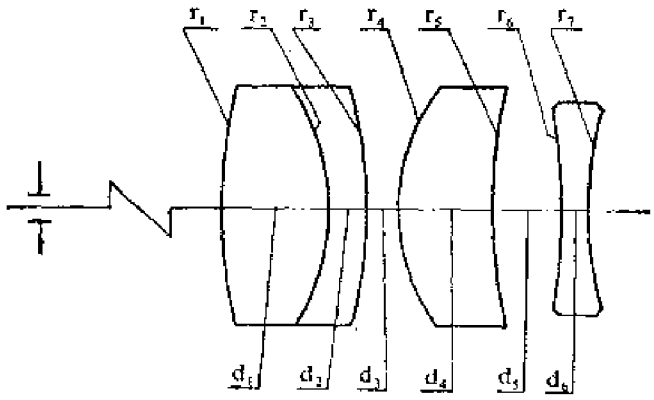


序　号	r	d	n	v
1	∞	5.20	1.4874	70.0
2	−22.34	0.18		
3	73.45	6.00	1.4874	70.0
4	−31.19	0.18		
5	25.06	11.50	1.4874	70.0
6	−18.92	2.00	1.7550	27.5
7	81.10			

编号：08-01-M66

中等视场目镜

E.F.L=17.74　B.F.L=4.64　$\phi_{出}/2=0.8$　F.A.=±12°　$L_p=-26.73$

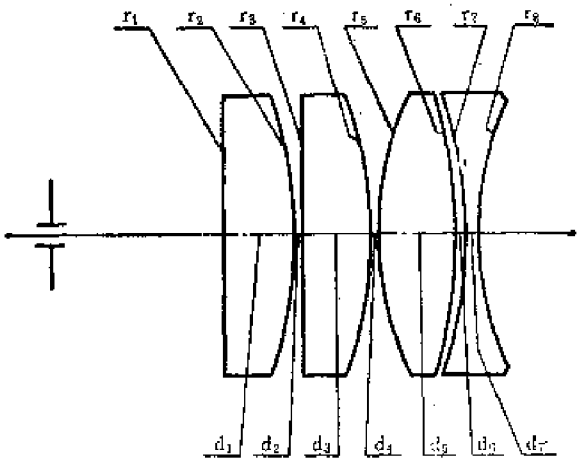


序　号	r	d	n	v
1	26.300	5.0	1.6130	60.6
2	−11.614	2.0	1.7280	28.3
3	−22.340	1.6		
4	10.328	4.6	1.5163	64.1
5	34.040	3.4		
6	−20.420	1.5	1.7280	28.3
7	20.420			

编号：08-01-M67

中等视场目镜

E.F.L＝16.55　B.F.L＝10.25　$\phi_{出}/2=1$　F.A.＝±30°　$L_p=-9.96$

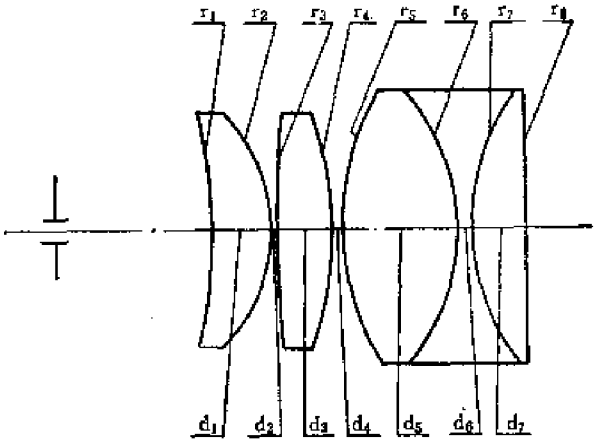


序　号	r	d	n	v
1	∞	3.8	1.62040	60.3
2	−25.29	0.2		
3	∞	3.8	1.62040	60.3
4	−23.71	0.2		
5	19.10	5.0	1.75496	53.0
6	−51.88	0.2		
7	−37.33	1.0	1.80600	25.4
8	23.88			

编号：08-01-M68

中等视场目镜

E.F.L＝24.98　B.F.L＝5.83　$\phi_{出}/2=1.5$　F.A.＝±40°　$L_p=-19$

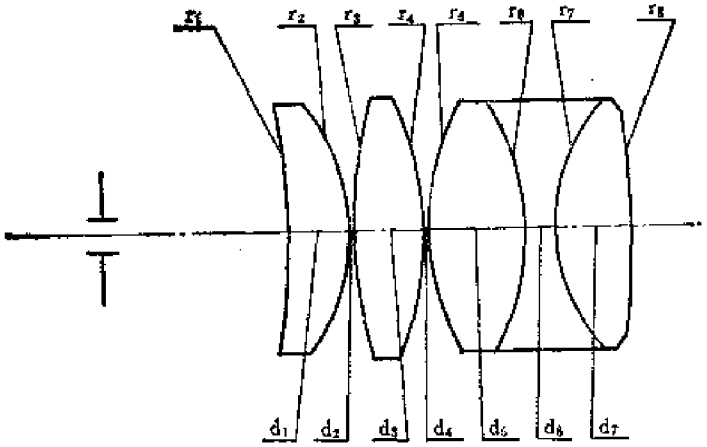


序　号	r	d	n	v
1	−72.11	7.60	1.5688	62.9
2	−22.40	0.23		
3	146.56	7.13	1.5688	62.9
4	−47.21	0.23		
5	37.07	14.94	1.5688	62.9
6	−28.56	1.60	1.8052	25.5
7	31.12	7.41	1.5163	64.1
8	∞			

编号：08-01-M69

中等视场目镜

E.F.L＝23.92　B.F.L＝4.65　$\phi_{出}/2$＝1.25　F.A.＝±30°　L_p＝−21.28

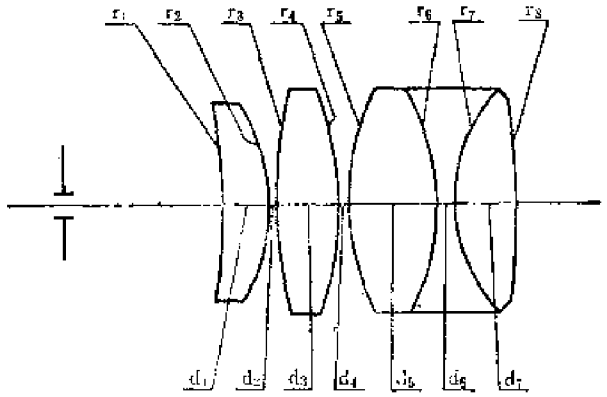


序　号	r	d	n	v
1	−138.68	6.5	1.5467	62.8
2	−25.00	0.4		
3	68.87	7.5	1.5467	62.8
4	−44.26	0.4		
5	35.48	11.0	1.5163	64.1
6	−27.93	3.5	1.7398	28.2
7	21.68	8.0	1.5163	64.1
8	−326.60			

编号：08-01-M70

中等视场目镜

E.F.L＝23.88　B.F.L＝4.85　$\phi_{出}/2$＝2　F.A.＝±35°　L_p＝−20

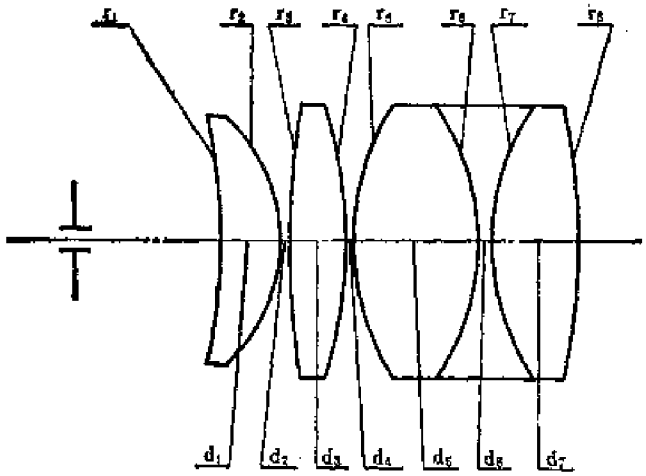


序　号	r	d	n	v
1	−138.68	6.5	1.5467	62.8
2	−25.00	0.2		
3	68.87	7.5	1.5467	62.8
4	−44.26	0.2		
5	35.48	11.0	1.5163	64.1
6	−27.93	3.5	1.7398	28.2
7	21.68	8.0	1.5163	64.1
8	−326.60			

编号：08-01-M71

中等视场目镜

E. F. L＝28　　B. F. L＝3.4　　$\phi_{出}/2=2$　　F. A. ＝±40°　　$L_p=-18$

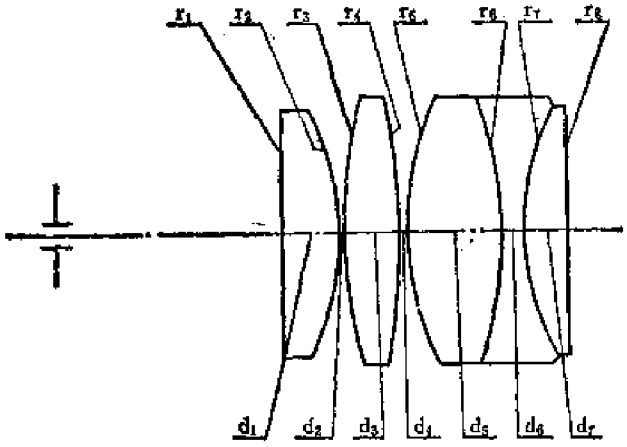


序　　号	r	d	n	v
1	−69.18	7.0	1.5163	64.1
2	−20.32	0.2		
3	141.91	6.5	1.5163	64.1
4	−45.71	0.2		
5	31.92	14.5	1.5467	62.8
6	−28.84	1.5	1.7398	28.2
7	28.84	10.0	1.5163	64.1
8	−82.41			

编号：08-01-M72

中等视场目镜

E. F. L＝22.7　B. F. L＝10.07　$\phi_{出}/2=2.25$　F. A. ＝±25°　$L_p=-20.54$

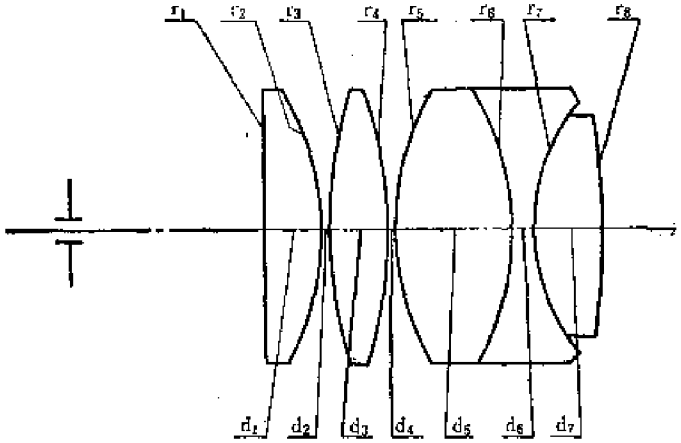


序　　号	r	d	n	v
1	∞	5.0	1.5467	62.8
2	−24.66	0.1		
3	50.00	4.2	1.5467	62.8
4	−167.49	0.1		
5	28.84	8.2	1.5467	62.8
6	−35.56	2.0	1.7550	27.5
7	24.66	4.2	1.5163	64.1
8	∞			

编号：08-01-M73

中 等 视 场 目 镜

E. F. L＝20.22　　B. F. L＝4.49　　$\phi_{出}/2$＝ 2　　F. A. ＝ ±30°　　L_p＝－19

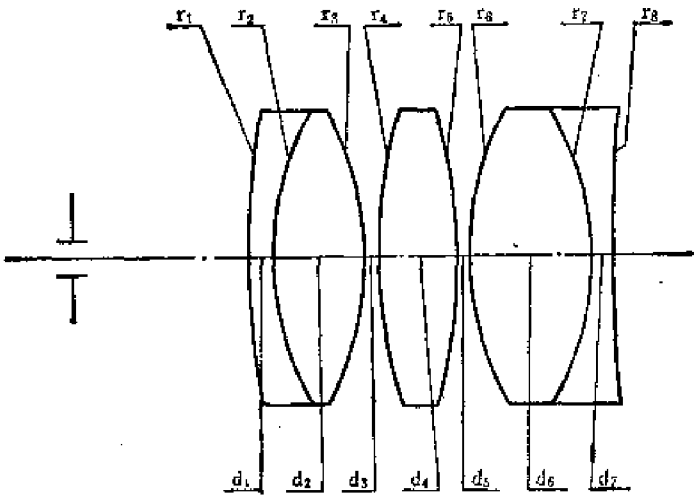


序　　号	r	d	n	v
1	∞	5.3	1.5524	63.3
2	－25.24	0.2		
3	50.93	5.5	1.5524	63.3
4	－50.93	0.2		
5	25.53	10.0	1.4874	70.0
6	－25.53	1.8	1.7280	28.3
7	17.99	6.0	1.4874	70.0
8	－157.04			

编号：08-01-M74

中 等 视 场 目 镜

E. F. L＝36.83　B. F. L＝12.43　$\phi_{出}/2$＝4.1　F. A. ＝ ±30.5°　L_p＝－27.88

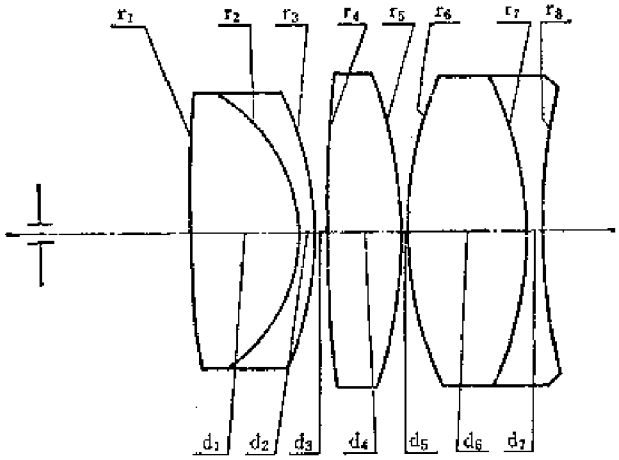


序　　号	r	d	n	v
1	110.15	3.5	1.7172	29.5
2	44.26	17.1	1.5163	64.1
3	－50.82	1.3		
4	86.61	12.0	1.5163	64.1
5	－86.61	1.2		
6	50.82	19.4	1.5163	64.1
7	－50.82	3.5	1.7172	29.5
8	156.62			

编号：08-01-M75

中 等 视 场 目 镜

E. F. L＝33.53　B. F. L＝17.06　$\phi_{出}/2=3.5$　F. A. ＝±30°　$L_p=-20$

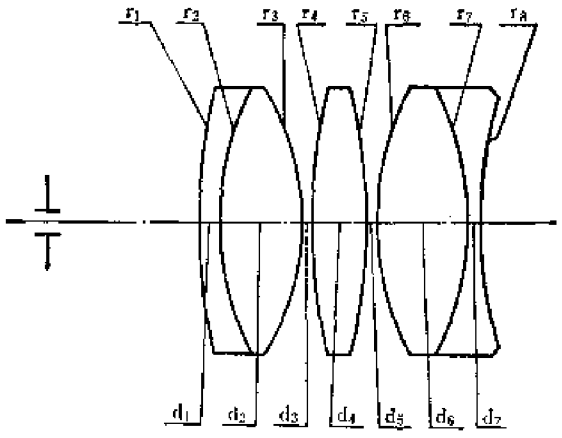


序　号	r	d	n	
1	392.60	14.0	1.6073	59.5
2	−22.13	2.2	1.7618	26.5
3	−45.29	0.2		
4	137.72	10.0	1.6073	59.5
5	−64.42	0.2		
6	55.59	15.8	1.6073	59.5
7	−49.32	2.3	1.6477	33.9
8	92.04			

编号：08-01-M76

中 等 视 场 目 镜

E. F. L＝30.16　B. F. L＝15.33　$\phi_{出}/2=1.5$　F. A. ＝±30°　$L_p=-20.50$

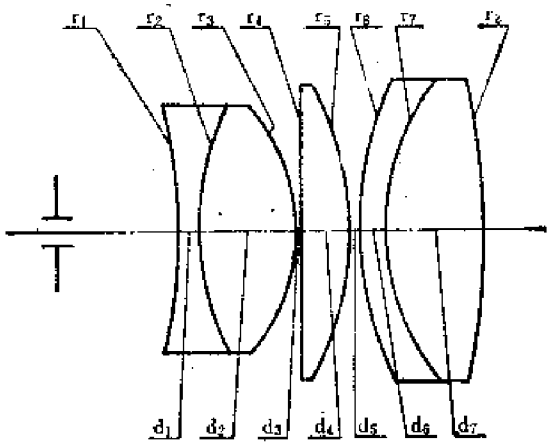


序　号	r	d	n	v
1	204.60	2.20	1.6242	35.9
2	40.93	11.00	1.5163	64.1
3	−35.08	0.25		
4	74.47	7.30	1.5163	64.1
5	−74.47	0.25		
6	39.81	12.20	1.5163	64.1
7	−39.81	2.20	1.6242	35.9
8	67.30			

编号：08-01-M77

中 等 视 场 目 镜

E. F. L＝28.09　　B. F. L＝18.66　　$\phi_{出}/2=4$　　F. A. ＝±35°　　$L_p=-16$

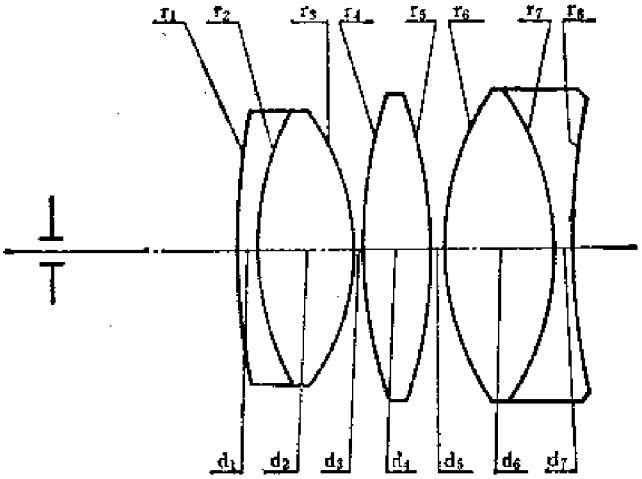


序　　号	r	d	n	v
1	−60.12	2.5	1.6475	33.9
2	40.46	10.5	1.5724	57.5
3	−26.06	0.3		
4	∞	7.5	1.5163	64.1
5	−42.07	0.3		
6	54.70	4.0	1.6475	33.9
7	32.29	13.0	1.5163	64.1
8	−117.49			

编号：08-01-M78

中 等 视 场 目 镜

E. F. L＝27.51　　B. F. L＝9.65　　$\phi_{出}/2=2.8$　　F. A. ＝±30°　　$L_p=-24.35$

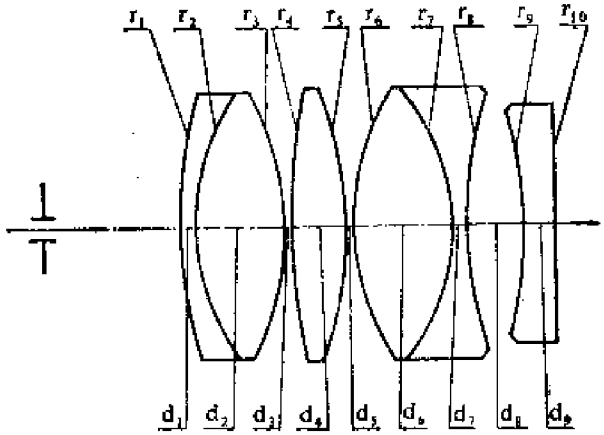


序　　号	r	d	n	v
1	182.39	2.60	1.6164	36.9
2	38.34	13.00	1.5163	64.1
3	−33.66	0.96		
4	65.00	9.00	1.5163	64.1
5	−65.00	0.87		
6	38.34	14.60	1.5163	64.1
7	−38.34	2.60	1.7172	29.5
8	96.16			

编号：08-01-M79-1

中等视场目镜

E.F.L＝25.66　B.F.L＝－1.47　$\phi_{像}/2=1$　F.A.＝±33.5°　$L_p=-22$

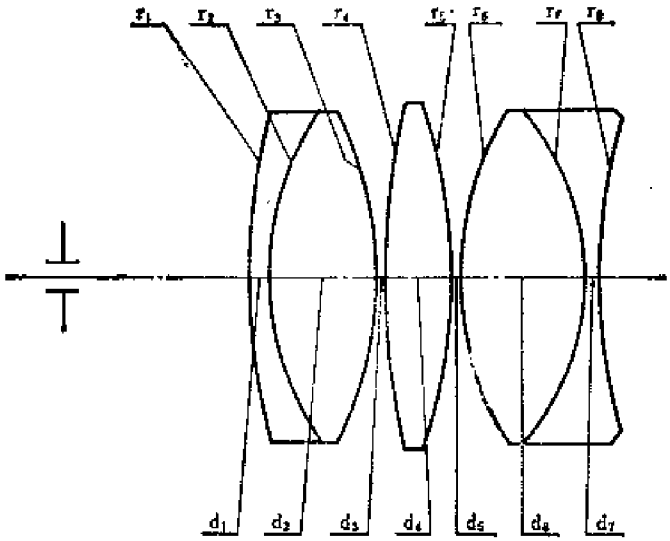


序号	r	d	n	v	序号	r	d	n	v
1	93.02	2.00	1.7550	27.5	6	38.46	14.00	1.6385	55.5
2	36.40	13.26	1.6385	55.5	7	－32.14	2.00	1.7550	27.5
3	－44.43	0.10			8	65.59	8.00		
4	115.85	8.00	1.6385	55.5	9	－54.00	5.00	1.5163	64.1
5	－65.59	0.10			10	∞			

编号：08-01-M79-2

中等视场目镜

E.F.L＝25.22　B.F.L＝9.80　$\phi_{像}/2=1$　F.A.＝±33.5°　$L_p=-22$

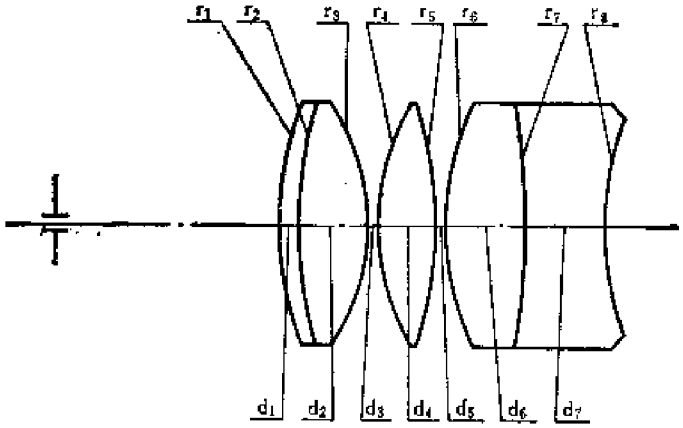


序号	r	d	n	v
1	93.02	2.00	1.7550	27.5
2	36.40	13.26	1.6385	55.5
3	－44.43	0.10		
4	115.85	8.00	1.6385	55.5
5	－65.59	0.10		
6	38.46	14.00	1.6385	55.5
7	－32.14	2.00	1.7550	27.5
8	65.59			

编号：08-01-M80

中 等 视 场 目 镜

E.F.L=22.78　B.F.L=12.98　$\phi_{出}/2=2.8$　F.A.=±20.5°　$L_p=-18.8$

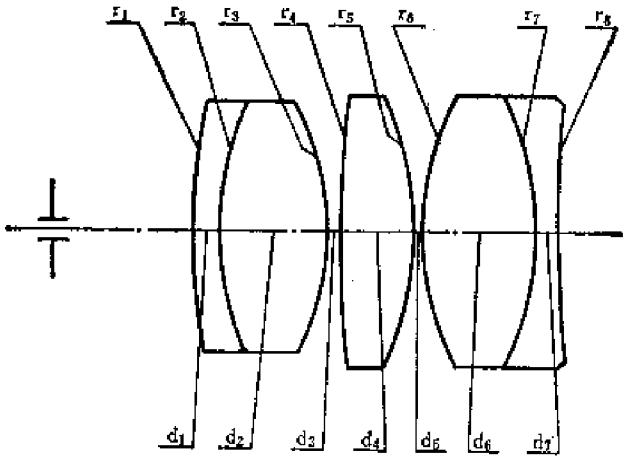


序　号	r	d	n	v
1	34.75	1.5	1.7280	28.3
2	42.07	6.6	1.5724	57.5
3	-21.09	0.2		
4	74.30	5.0	1.5163	64.1
5	-34.75	0.2		
6	22.91	7.0	1.5724	57.5
7	-150.31	7.0	1.5749	41.3
8	26.55			

编号：08-01-M81

中 等 视 场 目 镜

E.F.L=20.19　B.F.L=7.44　$\phi_{出}/2=1.9$　F.A.=±31°　$L_p=-12.62$

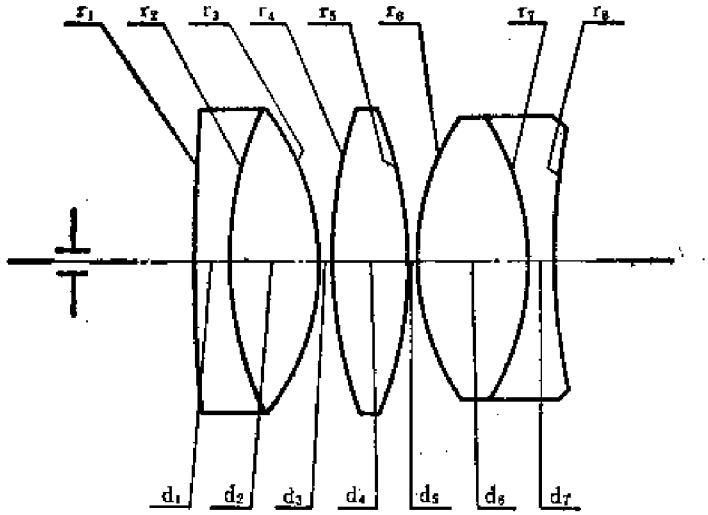


序　号	r	d	n	v
1	85.51	2.2	1.7398	28.2
2	28.25	9.0	1.5163	64.1
3	-24.43	0.8		
4	97.72	6.5	1.5163	64.1
5	-31.12	0.8		
6	28.25	10.2	1.5163	64.1
7	-28.25	2.5	1.7398	28.2
8	97.27			

编号：08-01-M82

中 等 视 场 目 镜

E. F. L＝20.04　B. F. L＝5.80　$\phi_{出}/2=1.9$　F. A. ＝±31°　$L_p=-12.62$

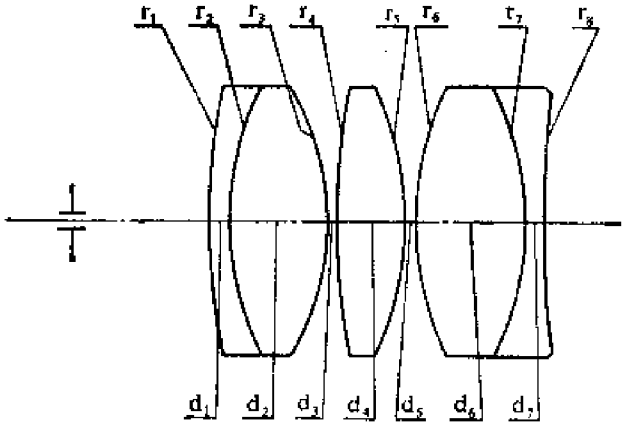


序　号	r	d	n	v
1	145.88	8.5	1.7398	28.2
2	39.54	9.5	1.5467	62.8
3	−26.00	0.3		
4	51.76	8.0	1.5467	62.8
5	−51.76	0.3		
6	28.71	11.5	1.5467	62.8
7	−28.71	3.5	1.7398	28.2
8	74.47			

编号：08-01-M83

中 等 视 场 目 镜

E. F. L＝15.6　B. F. L＝5.68　$\phi_{出}/2=1.9$　F. A. ＝±31.5°　$L_p=-10.85$

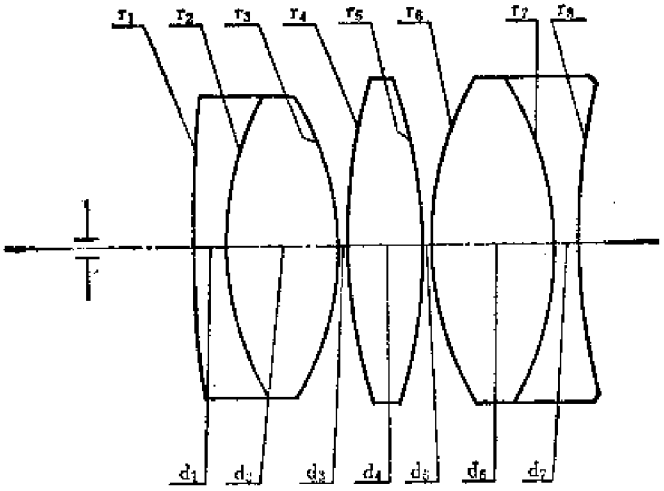


序　号	r	d	n	v
1	66.68	1.50	1.7398	28.2
2	22.18	7.40	1.5163	64.1
3	−19.06	0.55		
4	62.37	5.20	1.5163	64.1
5	−26.12	0.50		
6	22.01	8.40	1.5163	64.1
7	−22.01	1.50	1.7398	28.2
8	79.07			

编号：08-01-M84

中 等 视 场 目 镜

E. F. L＝15.59　B. F. L＝5.38　$\phi_{出}/2=1.9$　F. A. ＝±34°　$L_p=-9.14$

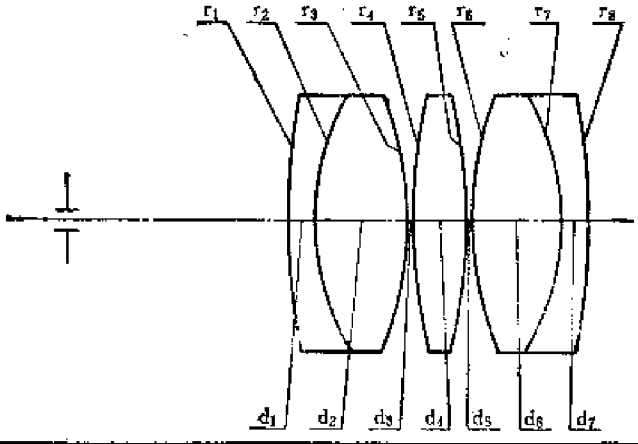


序　号	r	d	n	v
1	104.61	1.5	1.6164	36.6
2	22.01	7.4	1.5163	64.1
3	−19.31	0.5		
4	37.44	5.2	1.5163	64.1
5	−37.44	0.5		
6	22.01	8.4	1.5163	64.1
7	−22.01	1.5	1.6164	36.6
8	38.04			

编号：08-01-M85

中 等 视 场 目 镜

E. F. L＝13.21　B. F. L＝7.72　$\phi_{出}/2=2$　F. A. ＝±25°　$L_p=-12$

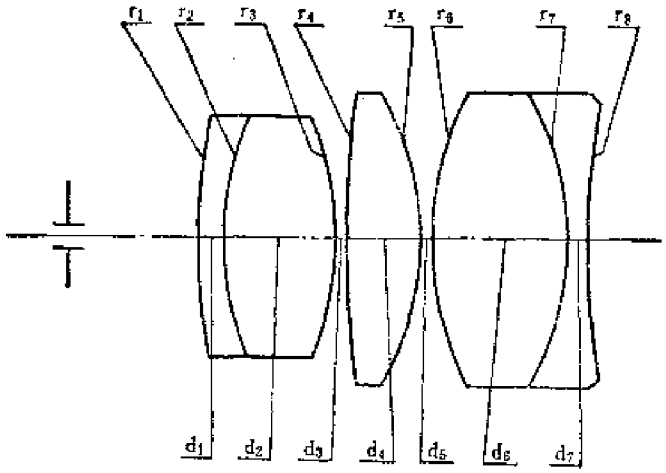


序　号	r	d	n	v
1	44.98	1.5	1.6475	33.9
2	14.26	4.5	1.5163	64.1
3	−22.03	0.5		
4	38.28	2.5	1.5163	64.1
5	−38.28	0.5		
6	22.03	4.5	1.5163	64.1
7	−14.26	1.5	1.6475	33.9
8	−44.98			

编号：08-01-M86

中 等 视 场 目 镜

E. F. L＝12.71　B. F. L＝4.73　$\phi_{出}/2=1.2$　F. A. ＝±30°　$L_p=-7.4$

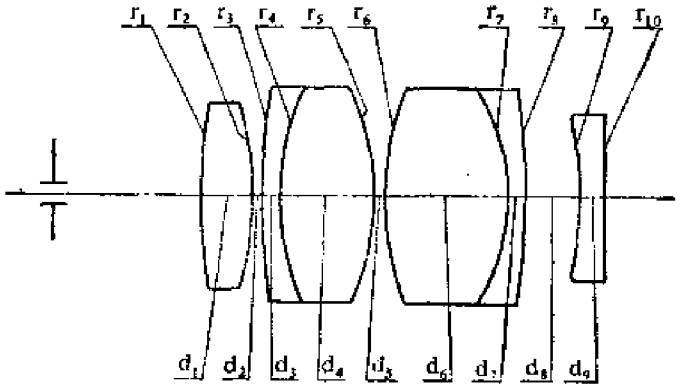


序　号	r	d	n	v
1	54.200	1.20	1.7398	28.2
2	18.072	6.00	1.5163	64.1
3	−15.524	0.45		
4	68.550	4.30	1.5163	64.1
5	−19.099	0.41		
6	17.503	6.80	1.5163	64.1
7	−17.906	1.20	1.7398	28.2
8	64.420			

编号：08-01-M87-1

中 等 视 场 目 镜

E. F. L＝27.71　B. F. L＝0.10　$\phi_{出}/2=2.5$　F. A. ＝±25°　$L_p=-20.5$

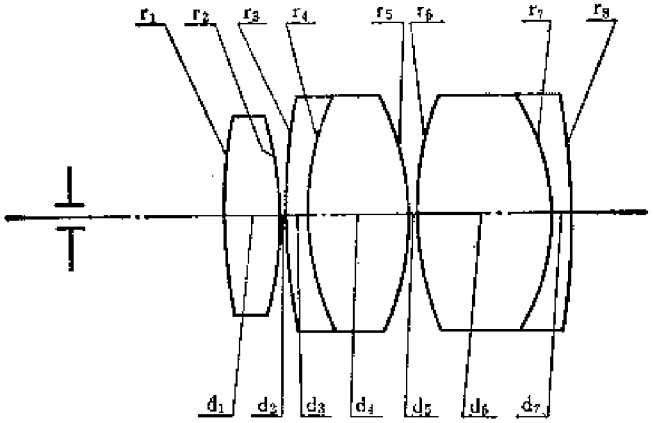


序　号	r	d	n	v	序　号	r	d	n	v
1	98.50	6.50	1.4874	70.0	6	44.34	17.50	1.6130	60.6
2	−51.02	0.10			7	−30.00	2.50	1.6128	38.9
3	118.23	2.50	1.8060	25.4	8	−147.80	8.07		
4	39.40	14.00	1.4874	70.0	9	−57.00	3.50	1.5688	56.0
5	−37.44	0.10			10	∞			

编号：08-01-M87-2

中等视场目镜

E.F.L＝27.08　B.F.L＝10.35　$\phi_{出}/2=2.5$　F.A.＝±25°　$L_p=-20.5$

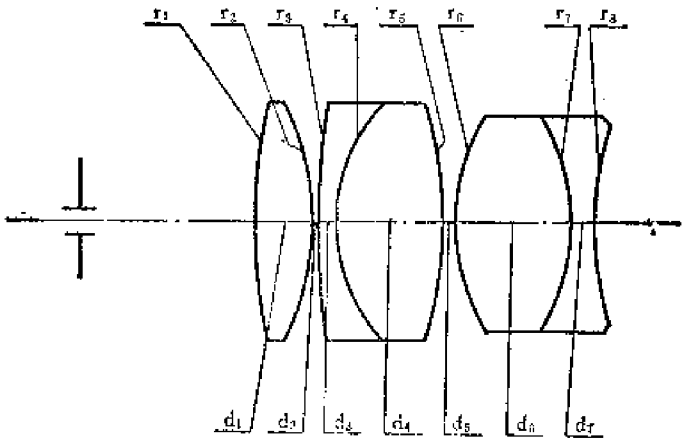


序　号	r	d	n	v
1	98.50	6.5	1.4874	70.0
2	−51.02	0.1		
3	118.23	2.5	1.8060	25.4
4	39.40	14.0	1.4874	70.0
5	−37.44	0.1		
6	44.34	17.5	1.6130	60.6
7	−30.00	2.5	1.6128	36.9
8	−147.80			

编号：08-01-M88

中等视场目镜

E.F.L＝25.02　B.F.L＝7.30　$\phi_{出}/2=2.5$　F.A.＝±25°　$L_p=-23.24$

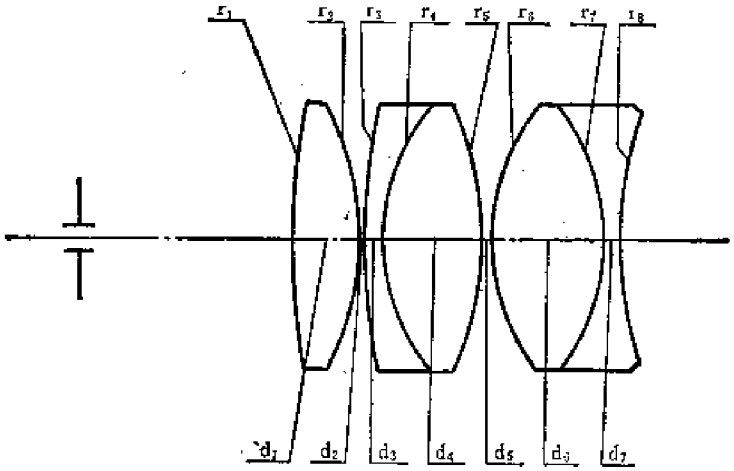


序　号	r	d	n	v
1	108.6	6.0	1.5163	64.1
2	−33.3	0.2		
3	108.6	2.0	1.6199	36.3
4	21.8	11.5	1.5163	64.1
5	−41.7	0.2		
6	21.9	13.5	1.5163	64.1
7	−24.9	2.5	1.6199	36.3
8	33.0			

编号：08-01-M89

中等视场目镜

E.F.L＝24.91　B.F.L＝8.62　$\phi_{出}/2$＝ 2　F.A.＝±26°　L_p＝－26.2

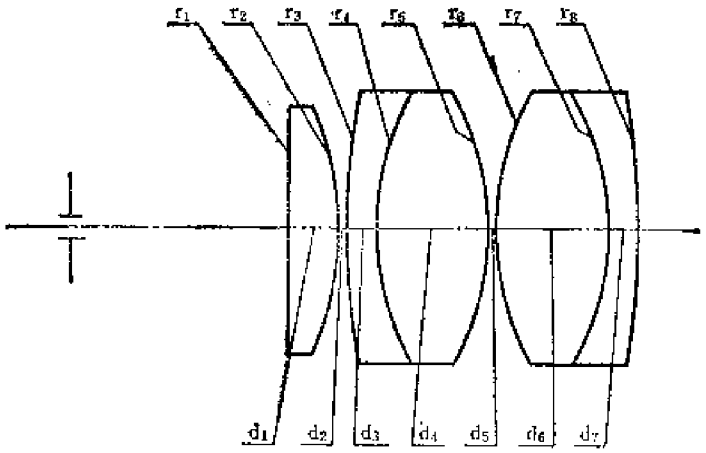


序　号	r	d	n	v
1	118.85	7.0	1.5163	64.1
2	－33.57	0.2		
3	95.28	1.5	1.6725	32.2
4	25.24	11.0	1.5163	64.1
5	－39.26	0.2		
6	25.24	13.2	1.5163	64.1
7	－25.24	1.5	1.6725	32.2
8	48.64			

编号：08-01-M90

中等视场目镜

E.F.L＝23.81　B.F.L＝10.75　$\phi_{出}/2$＝ 2　F.A.＝±25°　L_p＝－23

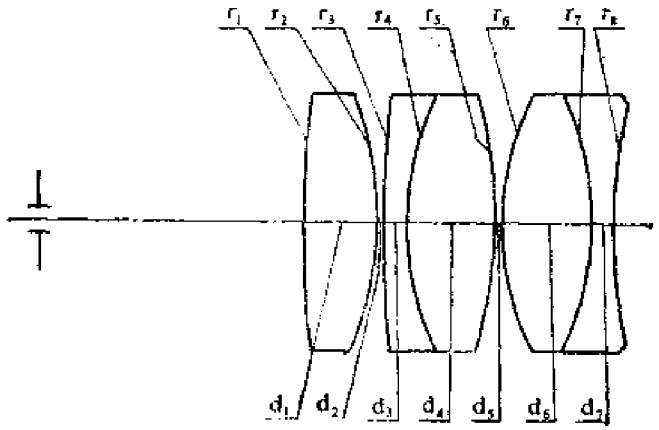


序　号	r	d	n	v
1	∞	5.0	1.5163	64.1
2	－32.140	0.1		
3	125.180	3.0	1.7550	27.5
4	30.738	11.5	1.5181	58.9
5	－30.738	0.1		
6	30.738	11.5	1.5181	58.9
7	－30.738	3.0	1.7550	27.5
8	－125.180			

编号：08-01-M91

中 等 视 场 目 镜

E. F. L＝22.68　B. F. L＝12.26　$\phi_{出}/2=1.6$　F. A. ＝±18.5°　$L_p=-21$

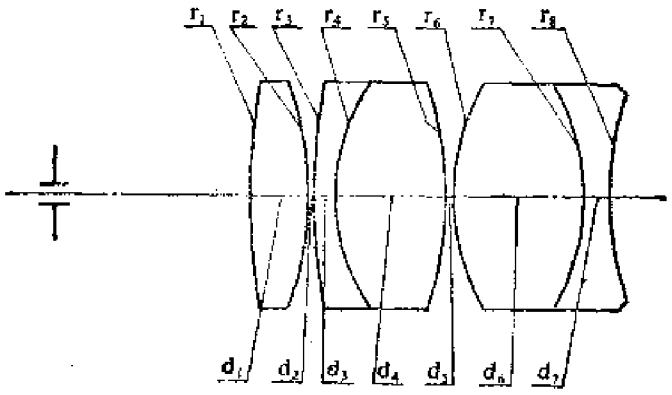


序　号	r	d	n	v
1	87.30	5.0	1.5163	64.1
2	−28.05	0.2		
3	84.53	1.5	1.6725	32.2
4	22.39	6.5	1.5163	64.1
5	−34.91	0.2		
6	22.39	6.5	1.5163	64.1
7	−22.39	1.5	1.6725	32.2
8	43.25			

编号：08-01-M92

中 等 视 场 目 镜

E. F. L＝18.00　B. F. L＝5.64　$\phi_{出}/2=2.8$　F. A. ＝±18.5°　$L_p=-15.54$

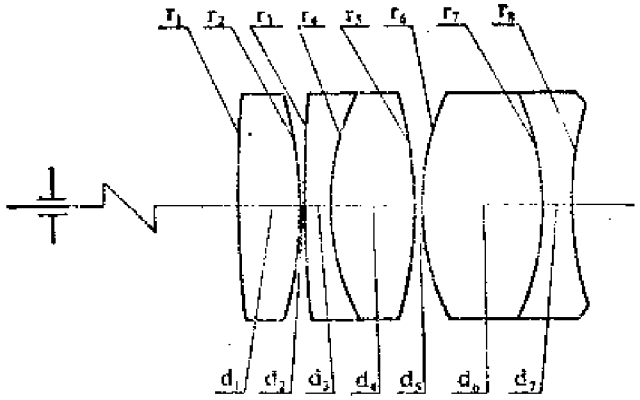


序　号	r	d	n	v
1	79.336	4.0	1.5163	64.1
2	−25.590	0.2		
3	79.336	1.4	1.6199	36.3
4	15.790	8.0	1.5163	64.1
5	−29.440	0.2		
6	17.350	9.5	1.5163	64.1
7	−17.350	1.8	1.6199	36.3
8	25.590			

编号：08-01-M93

中等视场目镜

E.F.L＝17.77　B.F.L＝7.75　$\phi_{出}/2=2.1$　F.A.＝±17°　$L_p=-17.28$

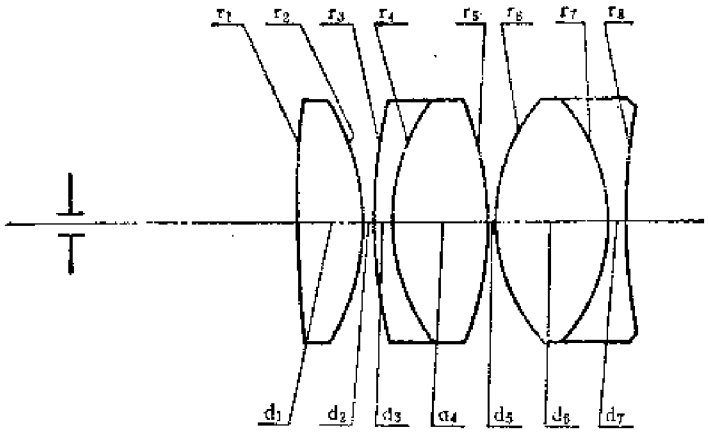


序　号	r	d	n	ν
1	75.860	4.0	1.5163	64.1
2	−24.380	0.2		
3	75.860	1.4	1.6199	36.3
4	15.066	5.0	1.5163	64.1
5	−27.730	0.2		
6	16.406	7.0	1.5163	64.1
7	−15.776	1.8	1.6199	36.3
8	23.010			

编号：08-01-M94

中等视场目镜

E.F.L＝16.21　B.F.L＝3.79　$\phi_{出}/2=2$　F.A.＝±23°　$L_p=-20$

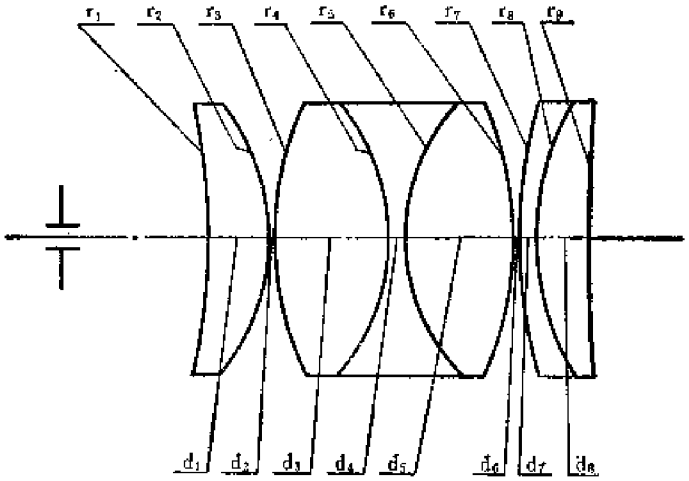


序　号	r	d	n	ν
1	77.980	5.5	1.5163	64.1
2	−21.790	0.2		
3	46.350	1.5	1.7172	29.5
4	16.396	8.5	1.5163	64.1
5	−34.750	0.2		
6	16.396	10.0	1.5163	64.1
7	−16.396	1.5	1.7172	29.5
8	72.280			

编号：08-01-M95

中 等 视 场 目 镜

E. F. L＝14.75　　B. F. L＝4.26　　$\phi_{出}/2=1.5$　　F. A. ＝±30°　　$L_p=-8$

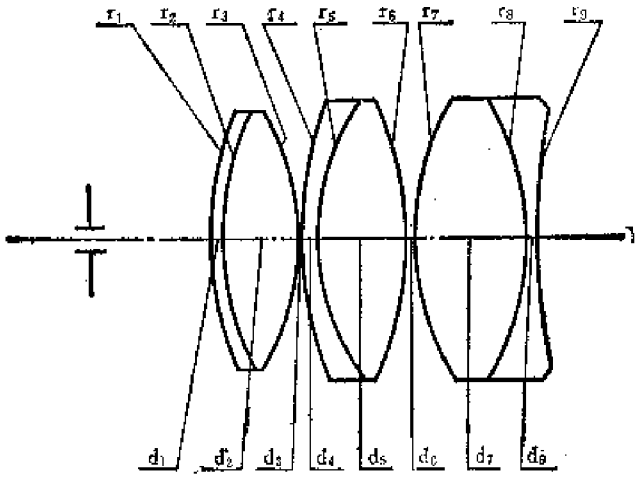


序　号	r	d	n	ν	序　号	r	d	n	ν
1	−82.790	4.2	1.6364	35.4	6	−19.275	0.1		
2	−13.062	0.1			7	31.700	1.0	1.6259	39.1
3	20.750	6.6	1.5100	63.4	8	15.776	3.3	1.5820	42.0
4	−11.641	0.9	1.6725	32.2	9	131.830			
5	12.853	6.6	1.5100	63.4					

编号：08-01-M96

中 等 视 场 目 镜

E. F. L＝40.09　　B. F. L＝9.35　　$\phi_{出}/2=1$　　F. A. ＝±42°　　$L_p=-24$

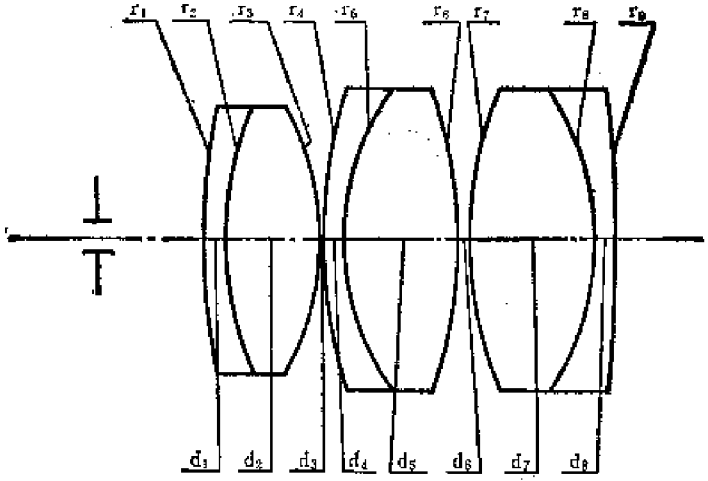


序　号	r	d	n	ν	序　号	r	d	n	ν
1	180.30	3.6	1.7283	28.3	6	−77.80	0.4		
2	67.14	16.5	1.5567	58.5	7	62.37	24.6	1.5163	64.1
3	−57.15	0.4			8	−65.01	3.6	1.6483	33.8
4	98.86	3.6	1.7283	28.3	9	159.22			
5	56.36	20.9	1.5567	58.5					

编号：08-01-M97

中 等 视 场 目 镜

E. F. L＝36.69　B. F. L＝13.67　$\phi_{出}/2=4.1$　F. A. ＝±31°　$L_p=-19.941$

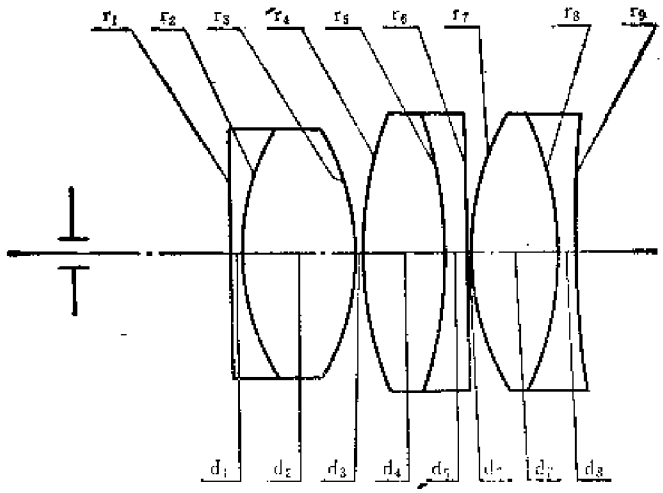


序　号	r	d	n	v	序　号	r	d	n	v
1	262.21	3.00	1.6199	36.3	6	−72.48	0.24		
2	50.82	14.40	1.5163	64.1	7	60.90	19.20	1.5163	64.1
3	−44.26	0.24			8	−50.94	3.00	1.6475	33.9
4	102.33	3.60	1.6475	33.9	9	−208.06			
5	42.17	18.00	1.5163	64.1					

编号：08-01-M98

中 等 视 场 目 镜

E. F. L＝34.38　B. F. L＝15.96　$\phi_{出}/2=3$　F. A. ＝±30°　$L_p=-24$

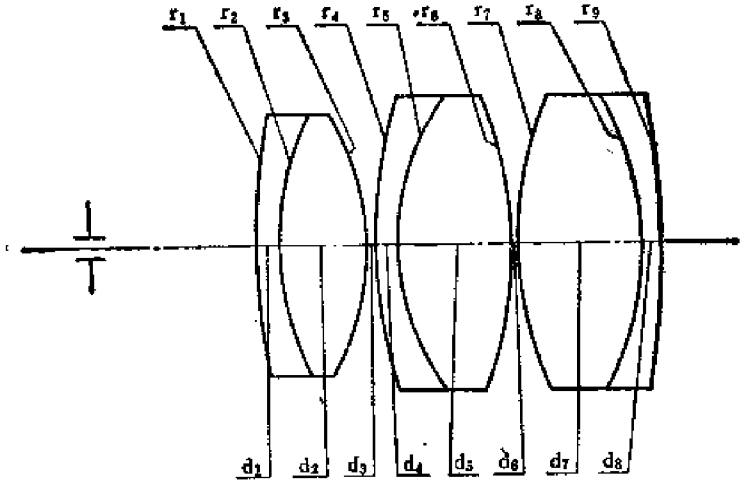


序　号	r	d	n	v	序　号	r	d	n	v
1	∞	2.0	1.6709	47.3	6	∞	0.2		
2	38.02	18.0	1.6204	60.3	7	47.97	13.0	1.5163	64.1
3	−38.02	0.2			8	−59.98	2.4	1.7550	27.5
4	59.98	11.9	1.6204	60.3	9	239.90			
5	−69.98	2.4	1.7550	27.5					

编号：08-01-M99

中等视场目镜

E.F.L=30.62　B.F.L=11.45　$\phi_{视}/2=2.8$　F.A.=±29°　$L_p=-28.35$

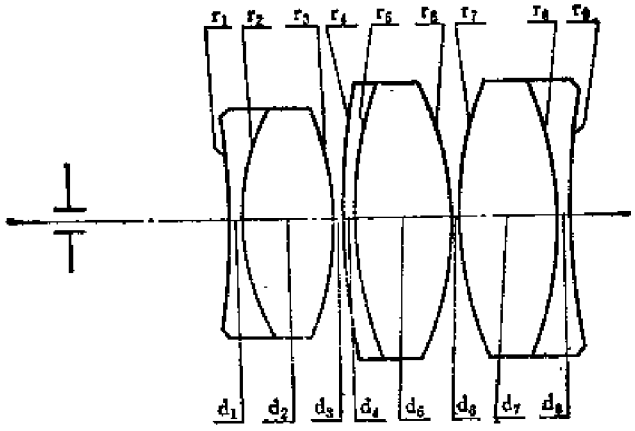


序号	r	d	n	v	序号	r	d	n	v
1	220.80	2.5	1.6199	36.3	6	-60.40	0.2		
2	42.36	12.0	1.5163	64.1	7	50.82	16.0	1.5163	64.1
3	-36.98	0.2			8	-42.17	2.5	1.6475	33.9
4	85.11	3.0	1.6475	33.9	9	-173.38			
5	35.16	15.0	1.5163	64.1					

编号：08-01-M100

中等视场目镜

E.F.L=25.03　B.F.L=14.46　$\phi_{视}/2=2$　F.A.=±30°　$L_p=-16.5$

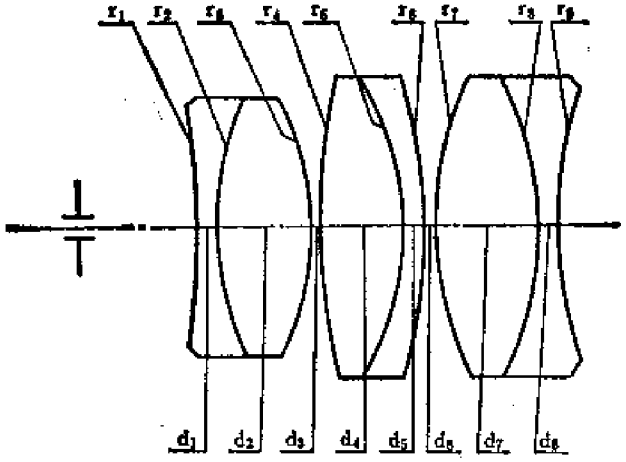


序号	r	d	n	v	序号	r	d	n	v
1	-198.61	1.3	1.6641	35.4	6	-34.99	0.1		
2	26.06	10.0	1.6032	42.5	7	38.64	10.0	1.5182	65.2
3	-29.11	0.3			8	-38.64	1.5	1.7550	27.5
4	198.61	1.5	1.7550	27.5	9	309.00			
5	45.08	10.0	1.6204	60.3					

编号：08-01-M101

中 等 视 场 目 镜

E. F. L＝20.23　B. F. L＝8.79　$\phi_{出}/2=2$　F. A. ＝±30°　$L_p=-14.8$

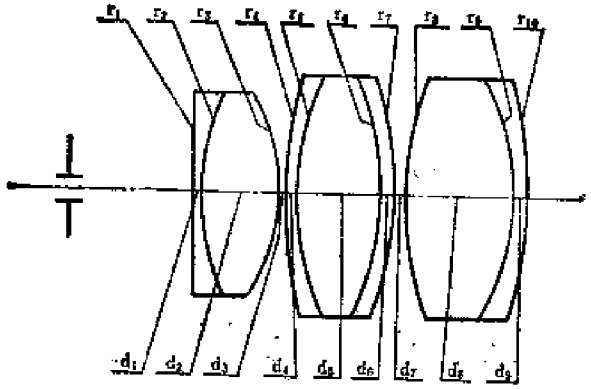


序　号	r	d	n	v	序　号	r	d	n	v
1	−351.60	2.9	1.6890	30.9	6	−60.53	0.2		
2	32.28	8.3	1.6204	60.3	7	30.34	9.2	1.6204	60.3
3	−24.38	0.2			8	−30.34	2.0	1.6890	30.9
4	60.53	7.3	1.6204	60.3	9	44.06			
5	−28.25	2.0	1.6490	33.8					

编号：08-01-M102

中 等 视 场 目 镜

E. F. L＝24.94　B. F. L＝12.89　$\phi_{出}/2=2$　F. A. ＝±30°　$L_p=-16.6$

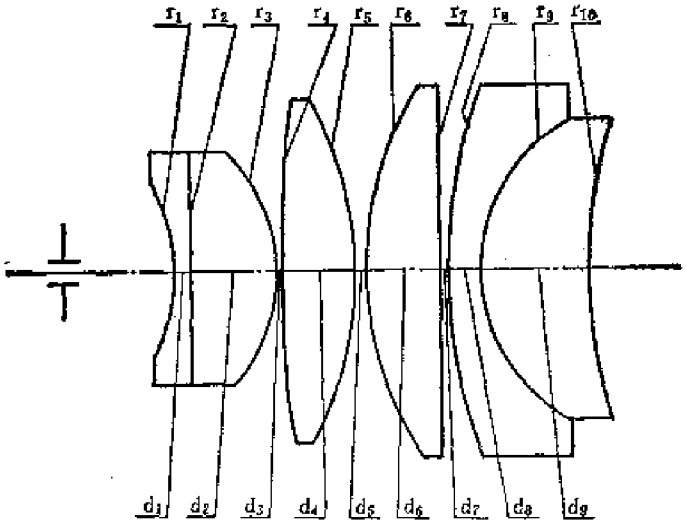


序　号	r	d	n	v	序　号	r	d	n	v
1	∞	1.00	1.6475	33.9	6	−39.63	1.00	1.6398	34.6
2	33.34	9.84	1.5163	64.1	7	−52.36	0.20		
3	−28.84	0.20			8	42.85	13.80	1.5163	64.1
4	79.43	1.00	1.6475	33.9	9	−33.34	1.00	1.6475	33.9
5	39.63	10.30	1.5163	64.1	10	−71.78			

编号：08-01-M103

大 视 场 目 镜

E.F.L=28.13　B.F.L=14.70　$\phi_{出}/2=1.8$　F.A.=±40°　$L_p=-14.54$

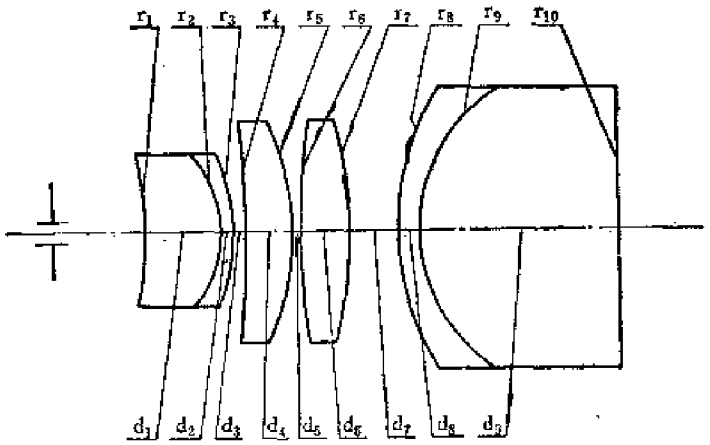


序 号	r	d	n	v	序 号	r	d	n	v
1	−25.35	2.4	1.80600	25.4	6	46.88	10.2	1.62040	60.3
2	∞	12.0	1.61380	56.3	7	∞	0.1		
3	−23.12	0.1			8	75.51	4.0	1.72800	28.3
4	448.70	9.4	1.62040	60.3	9	22.70	15.0	1.54800	45.9
5	−46.88	0.1			10	68.55			

编号：08-01-M104

大 视 场 目 镜

E.F.L=27.93　B.F.L=0.85　$\phi_{出}/2=2$　F.A.=±40°　$L_p=-12.00$

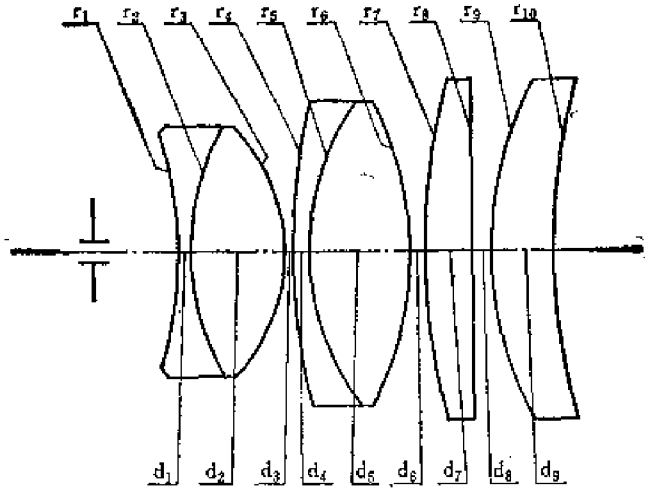


序 号	r	d	n	v	序 号	r	d	n	v
1	−41.780	10.0	1.6516	58.49	6	346.700	6.4	1.6516	58.49
2	−14.689	0.9	1.7408	27.70	7	−74.990	7.7		
3	−27.670	0.2			8	36.560	2.2	1.6475	33.90
4	−146.890	6.3	1.6516	58.49	9	21.730	27.2	1.5212	62.77
5	−41.020	0.2			10	∞			

编号：08-01-M105

大 视 场 目 镜

E.F.L＝25.0　B.F.L＝9.6　$\phi_{出}/2$＝2.2　F.A.＝±47°　L_p＝－10.55

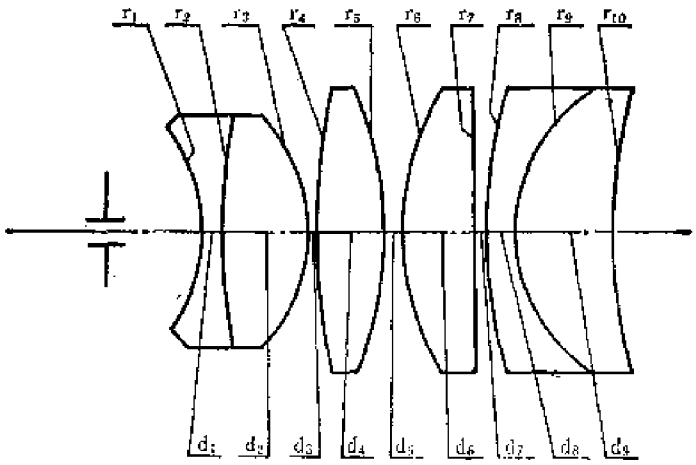


序　号	r	d	n	v	序　号	r	d	n	v
1	－53.46	2.0	1.6128	36.9	6	－45.92	1.5		
2	36.31	12.5	1.6126	58.3	7	100.00	6.0	1.5163	64.1
3	－24.10	0.2			8	∞	2.7		
4	96.61	2.0	1.7550	27.5	9	54.08	8.0	1.5163	64.1
5	36.31	14.0	1.5891	61.2	10	106.91			

编号：08-01-M106

大 视 场 目 镜

E.F.L＝22.77　B.F.L＝11.01　$\phi_{出}/2$＝2.2　F.A.＝±37.5°　L_p＝－10.30

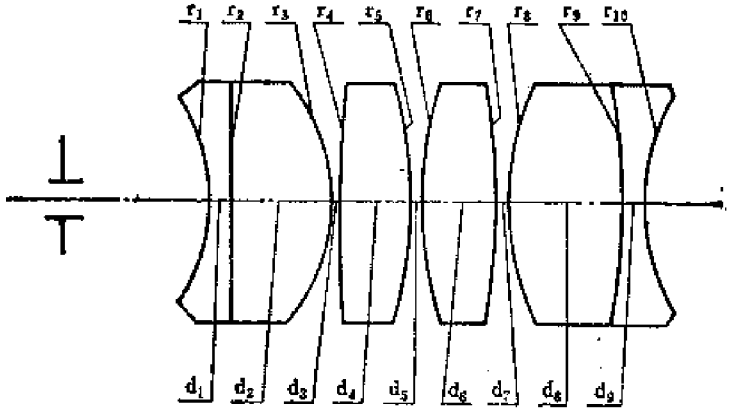


序　号	r	d	n	v	序　号	r	d	n	v
1	－20.99	2.00	1.7280	28.3	6	37.50	8.15	1.6204	60.3
2	500.00	9.60	1.6138	56.3	7	∞	0.10		
3	－20.99	0.10			8	60.26	3.20	1.7280	28.3
4	100.00	7.51	1.6204	60.3	9	18.16	12.00	1.5480	45.9
5	－45.50	0.10			10	54.70			

编号：08-01-M107

大 视 场 目 镜

E.F.L＝12.69　　B.F.L＝5.5　　$\phi_{出}/2=1$　　F.A.＝±30°　　$L_p=-8.7$

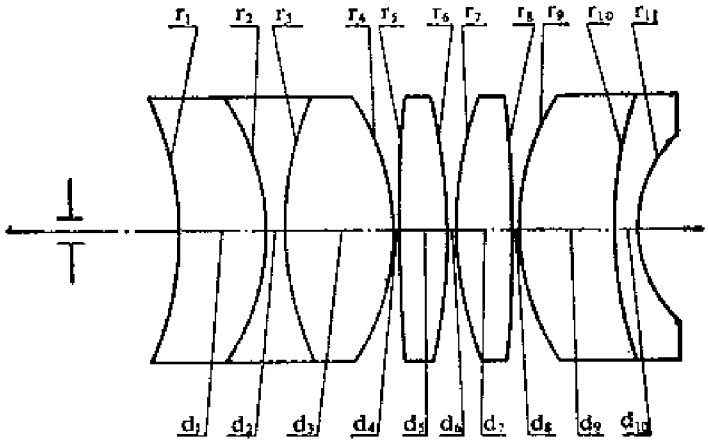


序　号	r	d	n	v	序　号	r	d	n	v
1	－14.125	1.4	1.7550	27.5	6	26.240	4.9	1.6130	60.6
2	∞	6.5	1.5891	61.2	7	－294.400	0.1		
3	－12.589	0.1			8	16.558	7.5	1.6126	58.3
4	129.720	4.9	1.6130	60.6	9	－41.590	1.5	1.7280	28.3
5	－29.040	0.1			10	12.417			

编号：08-01-M108

大 视 场 目 镜

E.F.L＝27.00　B.F.L＝15.01　$\phi_{出}/2=1.9$　F.A.＝±40°　$L_p=-14.55$

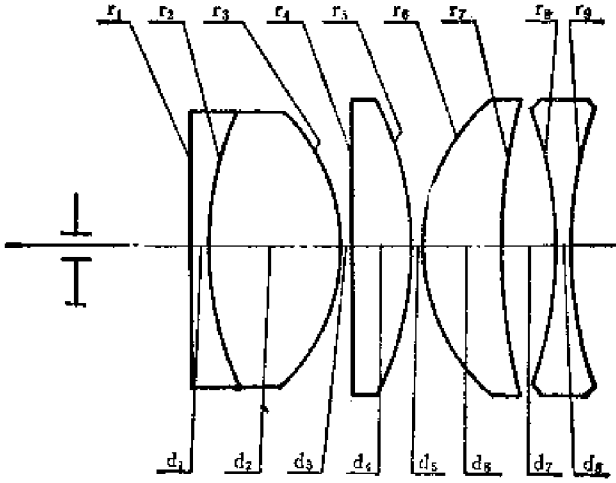


序　号	r	d	n	v	序　号	r	d	n	v
1	－48.19	13.0	1.62040	60.30	7	61.52	7.4	1.69200	54.50
2	－36.14	3.0	1.76182	26.53	8	－306.20	0.3		
3	63.83	16.0	1.62040	60.30	9	31.33	14.0	1.78847	50.48
4	－36.98	0.3			10	72.11	3.0	1.85026	32.23
5	181.13	7.4	1.69200	54.50	11	18.45			
6	－104.23	0.3							

编号：08-01-M109

大视场目镜

E.F.L＝19.99　B.F.L＝4.02　$\phi_{出}/2=1.5$　F.A.＝±45°　$L_p=-13$

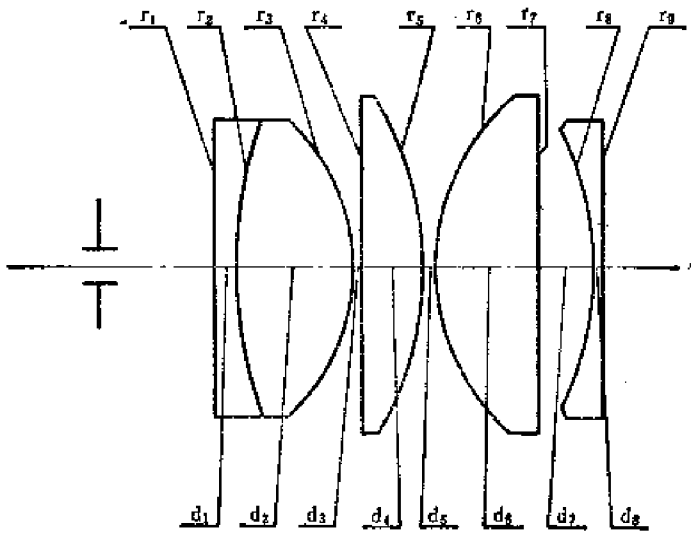


序　号	r	d	n	v	序　号	r	d	n	v
1	∞	2.08	1.8060	25.4	6	24.49	8.69	1.6668	51.1
2	43.45	14.54	1.6130	60.6	7	79.00	5.92		
3	－22.91	0.21			8	－55.30	2.18	1.8060	25.4
4	∞	7.11	1.5688	62.9	9	61.62			
5	－39.50	0.21							

编号：08-01-M110

大视场目镜

E.F.L＝18.99　B.F.L＝3.06　$\phi_{出}/2=1.5$　F.A.＝±45°　$L_p=-13$

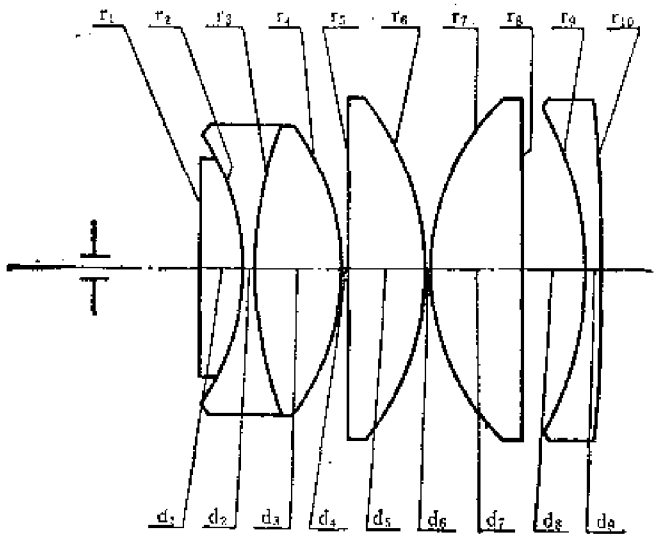


序　号	r	d	n	v	序　号	r	d	n	v
1	∞	2.0	1.8060	25.4	6	28.0	11.5	1.6126	58.3
2	50.6	14.0	1.6126	58.3	7	∞	5.8		
3	－24.2	0.2			8	－37.0	1.0	1.8060	25.4
4	∞	7.0	1.6126	58.3	9	∞			
5	－46.6	0.2							

编号：08-01-M111

大 视 场 目 镜

E.F.L＝15.99　　B.F.L＝2.26　　$\phi_{出}/2=2$　　F.A.＝±45°　　$L_p=-9.50$

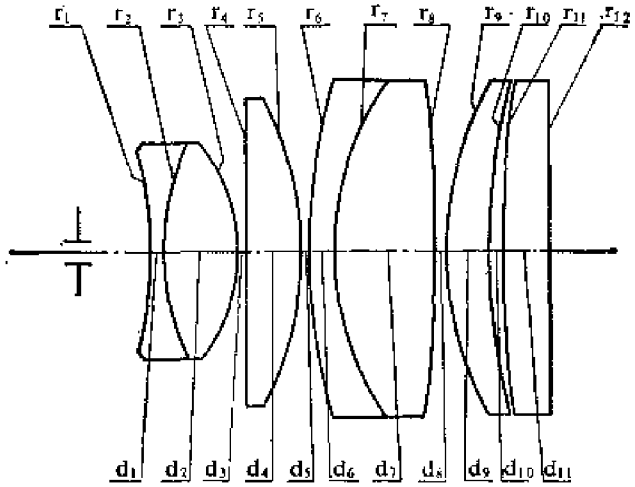


序　号	r	d	n	v	序　号	r	d	n	v
1	∞	3.60	1.6126	58.3	6	−27.67	0.10		
2	−23.07	1.30	1.7280	28.3	7	23.07	8.70	1.6126	58.3
3	46.13	8.20	1.6126	58.3	8	∞	6.22		
4	−23.07	0.10			9	−31.62	1.00	1.7280	28.3
5	∞	6.90	1.6126	58.3	10	−645.50			

编号：08-01-M112

大 视 场 目 镜

E.F.L＝25　　B.F.L＝5　　$\phi_{出}/2=2$　　F.A.＝±53°　　$L_p=-10$

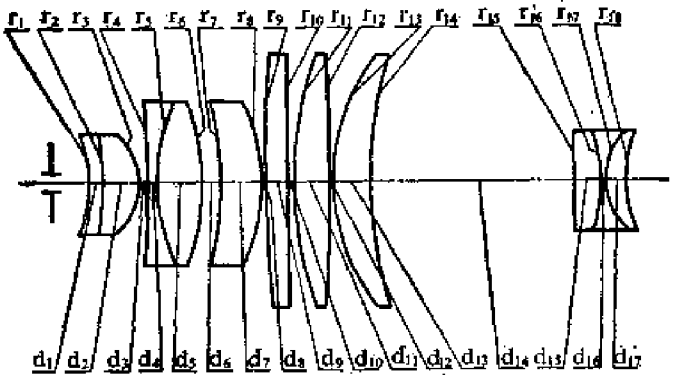


序　号	r	d	n	v	序　号	r	d	n	v
1	−59.28	1.78	1.6475	33.9	7	46.14	14.23	1.6126	58.3
2	39.26	9.48	1.6126	58.3	8	−131.21	0.24		
3	−25.11	0.24			9	51.99	7.11	1.5163	64.1
4	∞	8.30	1.5163	64.1	10	95.93	1.42		
5	−47.42	0.24			11	141.89	7.11	1.5163	64.1
6	83.56	3.56	1.7398	28.2	12	∞			

编号：08-01-M113

大视场目镜

E.F.L＝10.01　B.F.L＝－21.81　$\phi_{出}/2=0.7$　F.A.＝±60°　$L_p=-6.30$

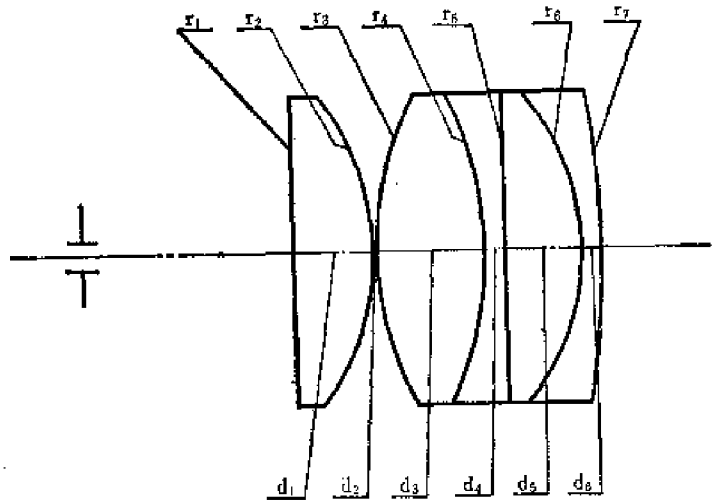


序　号	r	d	n	v	序　号	r	d	n	v
1	－26.550	1.70	1.7280	28.3	10	∞	0.12		
2	－93.540	6.50	1.6031	60.7	11	75.340	5.75	1.6080	46.2
3	－14.289	0.19			12	－255.900	0.12		
4	－510.500	2.30	1.7280	28.3	13	42.950	6.50	1.6204	60.3
5	38.280	8.80	1.6031	60.7	14	85.700	39.33		
6	－38.280	0.12			15	∞	5.02	1.6031	37.9
7	－94.840	7.66	1.6204	60.3	16	－29.790	1.42	1.6031	60.7
8	－45.500	0.12			17	13.583	4.25	1.7280	28.3
9	114.290	3.83	1.6204	60.3	18	25.290			

编号：08-01-M114

长工作距离目镜

E.F.L＝26.91　B.F.L＝12.20　$\phi_{出}/2=2$　F.A.＝±30°　$L_p=-20.25$

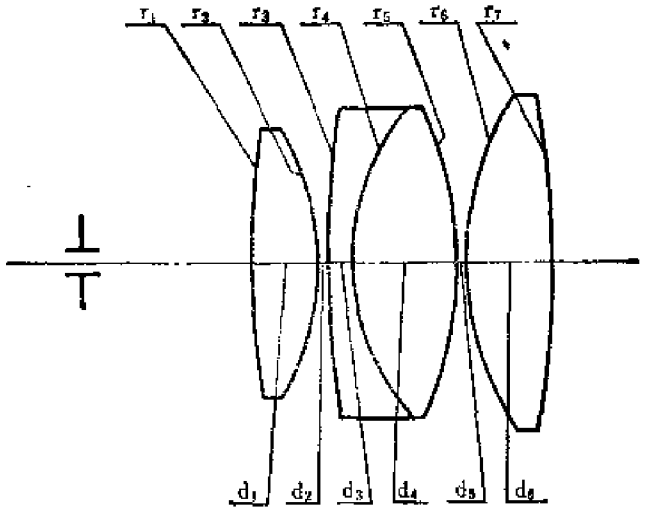


序　号	r	d	n	v	序　号	r	d	n	v
1	∞	7.5	1.5795	53.9	5	∞	6.8	1.5163	64.1
2	－24.04	0.2			6	－24.95	2.0	1.6475	33.9
3	30.55	10.5	1.5467	62.8	7	－165.20			
4	－32.81	2.0	1.7280	28.3					

编号：08-01-M115

长工作距离目镜

E.F.L＝25.67　B.F.L＝14.91　$\phi_{出}/2=2.5$　F.A.＝±35°　$L_p=-18$

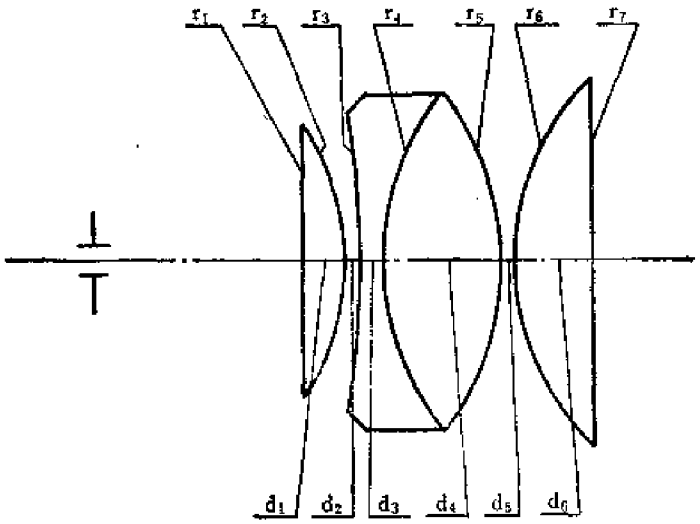


序　号	r	d	n	v
1	130.02	7.0	1.5524	63.3
2	－27.48	0.2		
3	227.09	2.5	1.7280	28.3
4	25.76	11.0	1.5163	64.1
5	－60.39	0.2		
6	35.89	8.5	1.5524	63.3
7	－558.50			

编号：08-01-M116

长工作距离目镜

E.F.L＝25.00　B.F.L＝16.72　$\phi_{出}/2=1.5$　F.A.＝±33°　$L_p=-22.00$

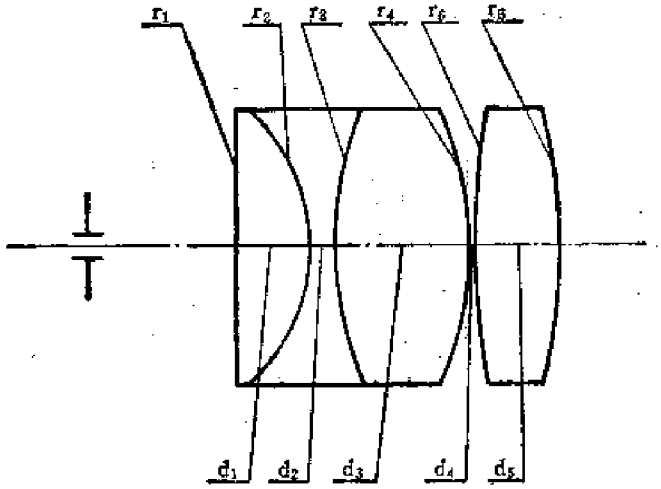


序　号	r	d	n	v	序　号	r	d	n	v
1	∞	5.19	1.5163	64.1	5	－32.20	0.17		
2	－25.17	0.17			6	28.54	8.43	1.5163	64.1
3	－218.21	2.59	1.7398	28.2	7	∞			
4	28.54	11.93	1.5163	64.1					

编号：08-01-M117

长工作距离目镜

E.F.L＝24.74　　B.F.L＝25.53　　$\phi_{出}/2=1$　　F.A.＝±15°　　$L_p=-16$

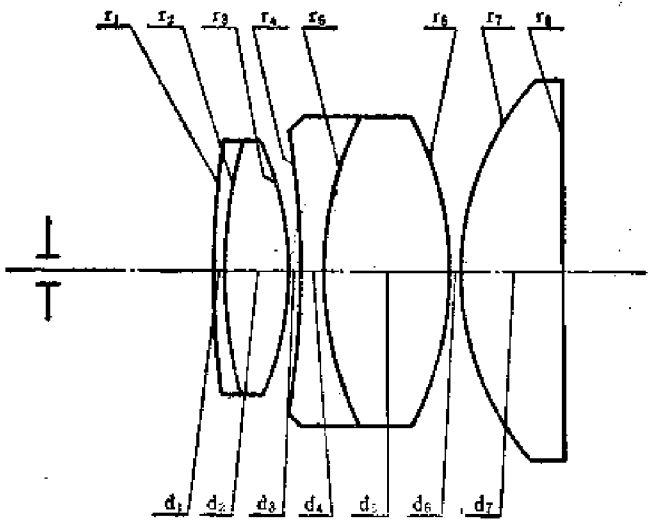


序　号	r	d	n	v
1	∞	3.5	1.5163	64.1
2	−10.28	1.0	1.6475	33.9
3	20.51	7.0	1.5399	59.7
4	−20.51	0.1		
5	53.95	4.0	1.6128	36.9
6	−36.81			

编号：08-01-M118

长工作距离目镜

E.F.L＝20.01　　B.F.L＝12.23　　$\phi_{出}/2=2$　　F.A.＝±33°　　$L_p=-13$

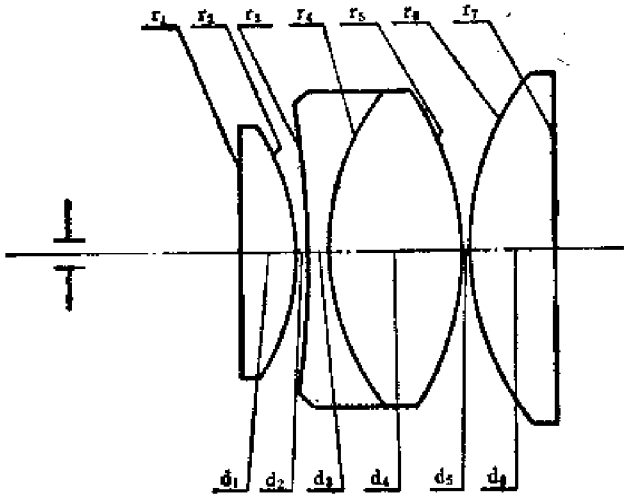


序　号	r	d	n	v	序　号	r	d	n	v
1	155.33	1.00	1.7398	28.2	5	29.26	9.70	1.5163	64.1
2	45.31	5.10	1.5163	64.1	6	−26.44	0.13		
3	−20.71	0.13			7	23.35	8.20	1.5163	28.2
4	−178.75	2.10	1.7398	28.2	8	∞			

编号：08-01-M119

长工作距离目镜

E.F.L＝19.28　　B.F.L＝12.92　　$\phi_{出}/2=2$　　F.A.＝±32°　　$L_p=-13$

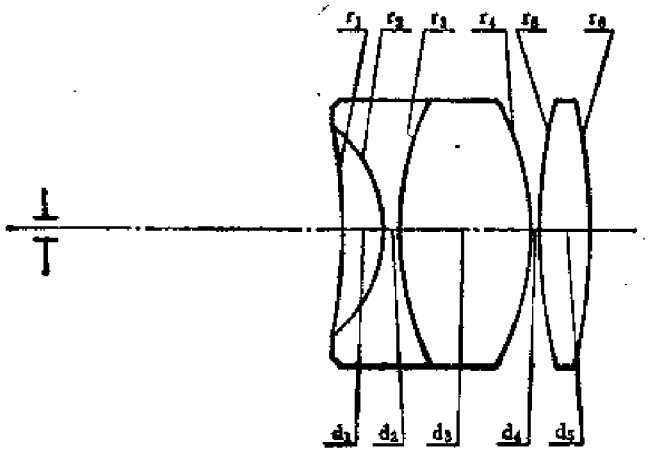


序　　号	r	d	n	v
1	∞	4.00	1.5163	64.1
2	−19.41	0.13		
3	−168.27	2.00	1.7398	28.2
4	21.88	9.20	1.5163	64.1
5	−24.93	0.13		
6	22.01	6.50	1.5163	64.1
7	∞			

编号：08-01-M120

长工作距离目镜

E.F.L＝20.60　　B.F.L＝24.6　　$\phi_{出}/2=1.5$　　F.A.＝±20°　　$L_p=-16$

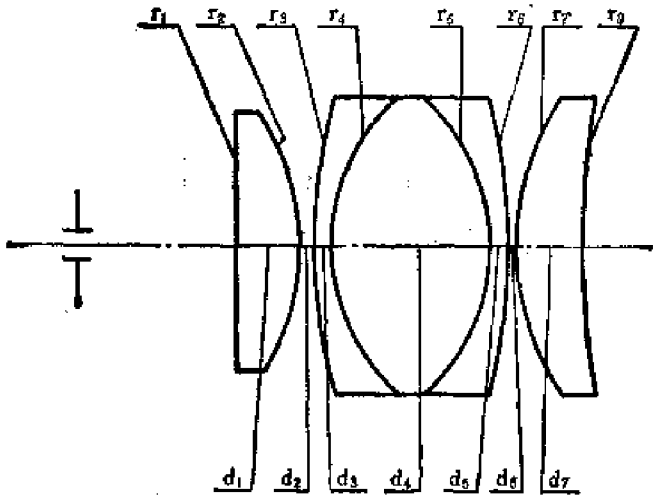


序　　号	r	d	n	v
1	−29.170	2.0	1.5163	64.1
2	−7.465	0.8	1.6641	35.4
3	16.904	7.2	1.5724	57.5
4	−13.996	0.2		
5	31.990	2.4	1.6110	55.8
6	−41.210			

编号：08-01-M121

长工作距离目镜

E.F.L＝20.19　B.F.L＝7.94　$\phi_{视}/2=2$　F.A.＝±37.5°　$L_p=-16.00$

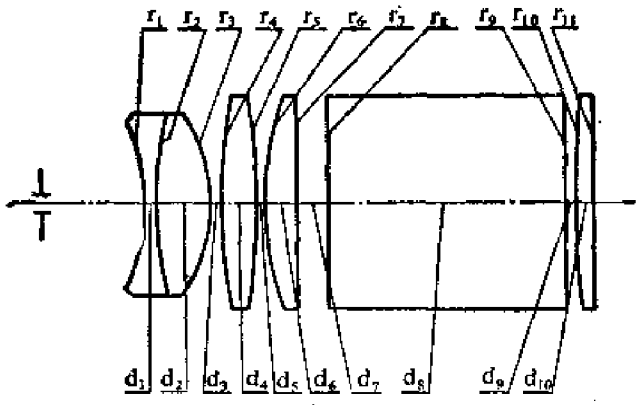


序　号	r	d	n	v
1	∞	6.0	1.6088	58.9
2	−24.82	0.2		
3	89.54	1.5	1.6889	31.1
4	21.04	17.0	1.6968	55.6
5	−21.04	1.5	1.6889	31.1
6	−80.54	0.2		
7	27.80	6.0	1.6204	60.3
8	86.90			

编号：08-01-M122-1

长工作距离目镜

E.F.L＝20.00　B.F.L＝0　$\phi_{视}/2=2$　F.A.＝±28°　$L_p=-13$

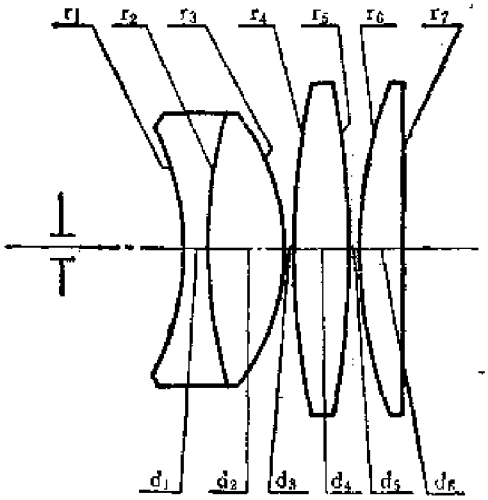


序　号	r	d	n	v	序　号	r	d	n	v
1	−18.967	1.20	1.7280	28.3	7	∞	8.00		
2	40.740	5.50	1.6220	56.7	8	∞	28.20	1.5688	56.0
3	−14.655	0.05			9	∞	1.23		
4	61.940	3.50	1.6220	56.7	10	251.200	2.20	1.5163	64.1
5	−67.300	0.10			11	∞			
6	35.970	3.20	1.6220	56.7					

编号：08-01-M122-2

长工作距离目镜

E.F.L＝20.06　　B.F.L＝20.47　　$\phi_{出}/2=2$　　F.A.＝±28°　　$L_p=-13$

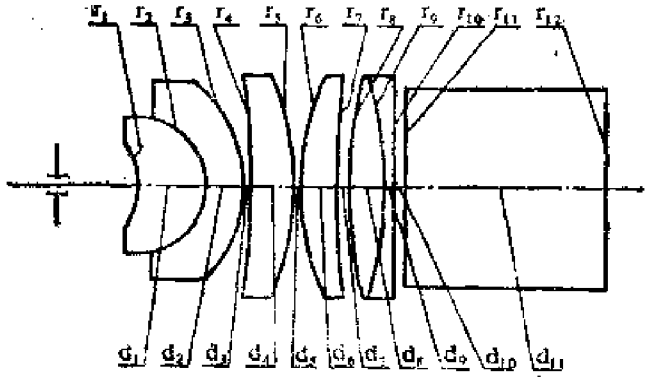


序　号	r	d	n	v
1	－18.967	1.20	1.7280	28.3
2	40.740	5.50	1.6220	56.7
3	－14.655	0.05		
4	61.940	3.50	1.6220	56.7
5	－67.300	0.10		
6	35.970	3.20	1.6220	56.7
7	∞			

编号：08-01-M123-1

长工作距离目镜

E.F.L＝17.28　　B.F.L＝2.98　　$\phi_{出}/2=1.5$　　F.A.＝±25°　　$L_p=-12$

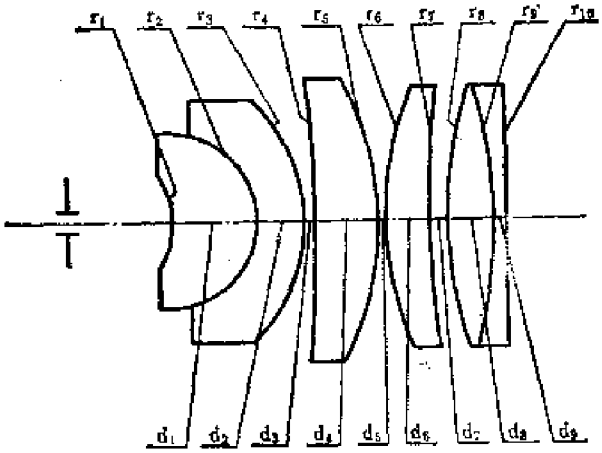


序　号	r	d	n	v
1	－10.27	10.2	1.88069	41.01
2	－10.00	5.4	1.95249	20.36
3	－19.20	0.1		
4	－251.06	7.2	1.69200	54.50
5	－40.30	0.1		
6	42.90	5.4	1.69200	54.50
7	1710.00	1.5		
8	64.00	4.8	1.69200	54.50
9	－67.00	1.2	1.84666	23.83
10	∞	1.0		
11	∞	30.0	1.51630	64.10
12	∞			

编号：08-01-M123-2

长工作距离目镜

E.F.L＝17.28　　B.F.L＝23.77　　$\phi_{出}/2=1.5$　　F.A.＝±25°　　$L_p=-12$

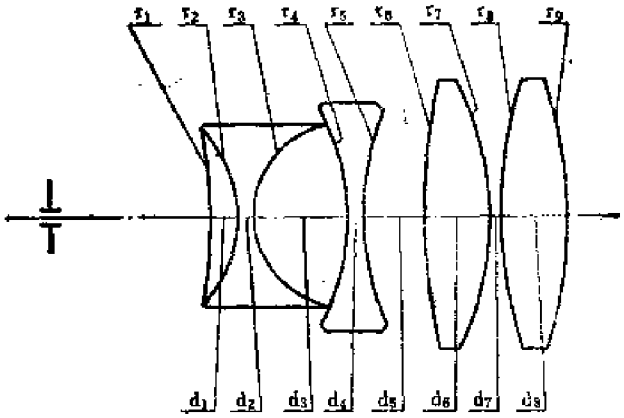


序　号	r	d	n	ν
1	−10.27	10.2	1.8806	41.01
2	−10.00	5.4	1.9525	20.36
3	−19.20	0.1		
4	−251.00	7.2	1.6920	54.50
5	−40.30	0.1		
6	42.90	5.4	1.6920	54.50
7	1710.00	1.5		
8	64.00	4.8	1.6920	54.50
9	−67.00	1.2	1.8466	23.83
10	∞			

编号：08-01-M124

长工作距离目镜

E.F.L＝12.60　　B.F.L＝14.63　　$\phi_{出}/2=1$　　F.A.＝±15°　　$L_p=-6.8$

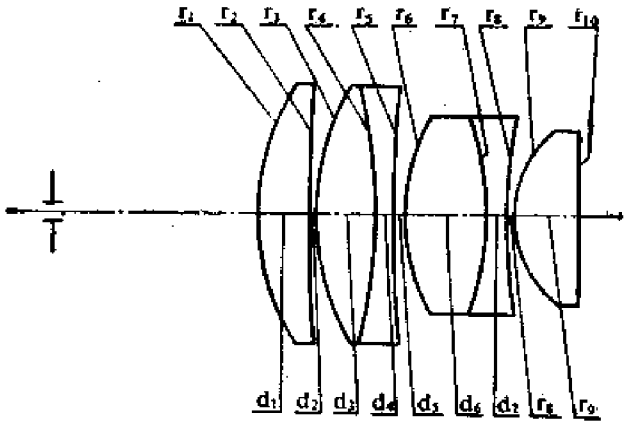


序　号	r	d	n	ν	序　号	r	d	n	ν
1	−40.734	1.30	1.6220	56.7	6	33.995	2.93	1.5101	63.4
2	− 5.800	0.80	1.6200	36.3	7	−13.188	0.05		
3	4.060	4.00	1.6220	56.7	8	19.537	2.93	1.5101	63.4
4	−10.599	1.00	1.5160	56.8	9	−19.537			
5	11.722	2.73							

编号：08-01-M125

大孔径目镜

E.F.L=50.46　B.F.L=9.51　$\phi_{出}/2=3.5$　F.A.=±17.5°　$L_p=-60.00$

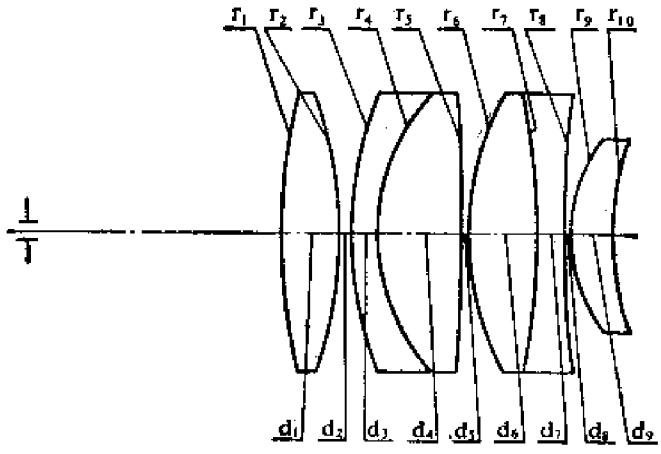


序　号	r	d	n	v	序　号	r	d	n	v
1	72.28	15.00	1.5163	64.1	6	58.88	22.00	1.5163	64.1
2	608.10	0.74			7	− 87.50	5.00	1.7172	29.5
3	79.25	17.00	1.5163	64.1	8	191.43	0.85		
4	−158.35	5.00	1.7172	29.5	9	35.81	20.00	1.5163	64.1
5	299.90	1.23			10	∞			

编号：08-01-M126

大孔径目镜

E.F.L=20.16　B.F.L=5.15　$\phi_{出}/2=3.5$　F.A.=±25°　$L_p=-30.00$

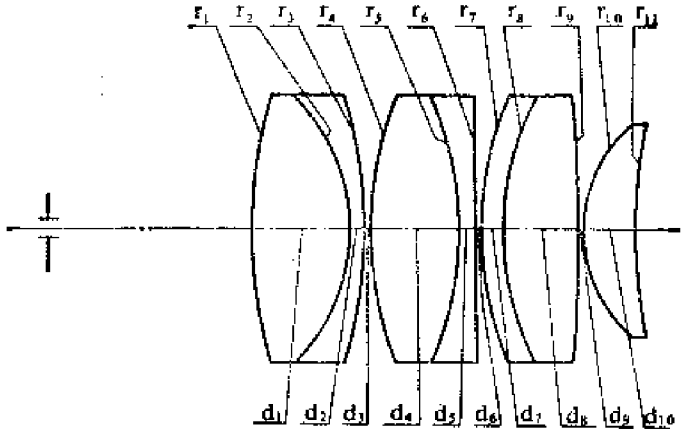


序　号	r	d	n	v	序　号	r	d	n	v
1	76.03	6.50	1.6126	58.3	6	35.40	8.00	1.6126	58.3
2	− 53.21	0.12			7	− 86.90	3.00	1.7398	28.2
3	45.50	3.00	1.7398	28.2	8	102.33	0.12		
4	24.66	9.50	1.6126	58.3	9	18.71	5.00	1.6126	58.3
5	−297.20	0.12			10	33.57			

编号：08-01-M127

大孔径目镜

E.F.L＝17.52　　B.F.L＝6.44　　$\phi_{出}/2=3.5$　　F.A.＝±28°　　$L_p=-19.8$

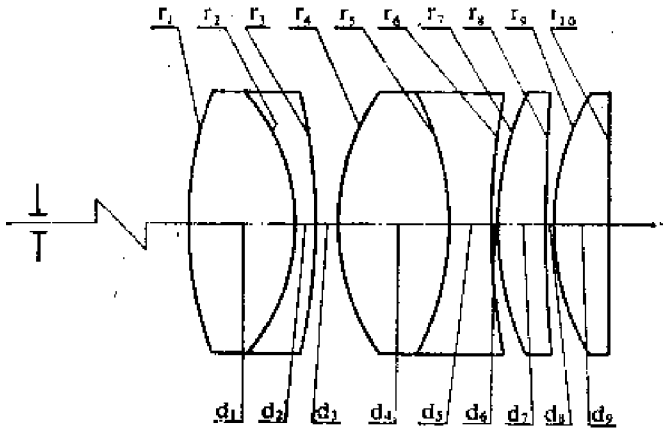


序　号	r	d	n	v	序　号	r	d	n	v
1	87.50	8.75	1.6126	58.3	7	33.81	2.05	1.7398	28.2
2	− 20.61	1.55	1.7398	28.2	8	27.98	7.20	1.6126	58.3
3	− 55.98	0.10			9	−205.60	0.10		
4	42.56	8.25	1.6126	58.3	10	16.90	5.35	1.6126	58.3
5	− 33.34	1.55	1.7398	28.2	11	60.67			
6	∞	0.10							

编号：08-01-M128

大孔径目镜

E.F.L＝16.99　　B.F.L＝4.35　　$\phi_{出}/2=3.5$　　F.A.＝±20°　　$L_p=-20.00$

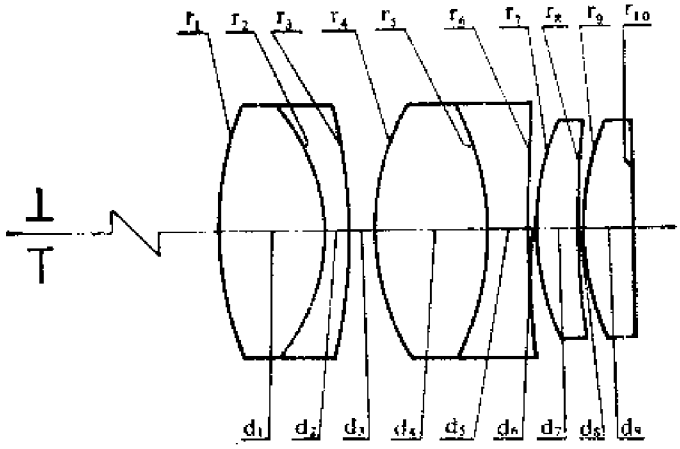


序　号	r	d	n	v	序　号	r	d	n	v
1	27.16	8.0	1.5163	64.1	6	230.00	0.1		
2	− 14.56	1.4	1.6475	33.9	7	23.44	3.4	1.5163	64.1
3	− 48.87	2.0			8	108.39	0.1		
4	19.86	8.2	1.5163	64.1	9	21.09	3.8	1.5163	64.1
5	− 20.96	3.1	1.6475	33.9	10	∞			

编号：08-01-M129

大孔径目镜

E.F.L＝16.93　　B.F.L＝4.40　　$\phi_{像}/2=3.5$　　F.A.＝±15°　　$L_p=-23.90$

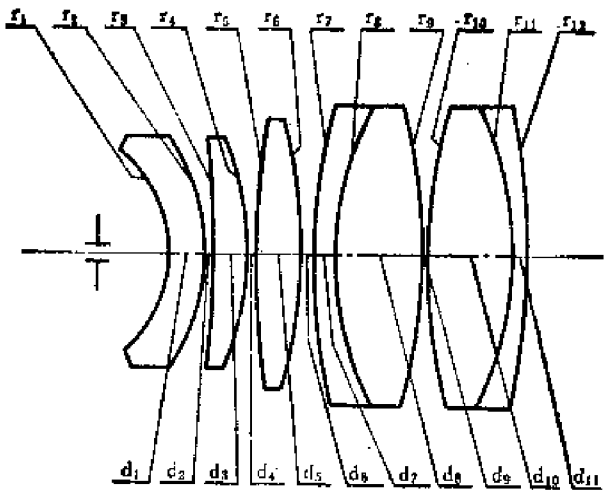


序　号	r	d	n	ν	序　号	r	d	n	ν
1	27.100	7.8	1.5147	60.6	6	234.400	0.2		
2	−14.521	1.7	1.6475	33.9	7	23.440	3.2	1.5147	60.6
3	−48.750	2.0			8	109.900	0.2		
4	19.409	8.1	1.5147	60.6	9	21.130	3.7	1.5147	60.6
5	−20.890	3.0	1.6475	33.9	10	∞			

编号：08-01-M130

大孔径目镜

E.F.L＝16.06　　B.F.L＝12.16　　$\phi_{像}/2=3.5$　　F.A.＝±26°　　$L_p=-4.10$

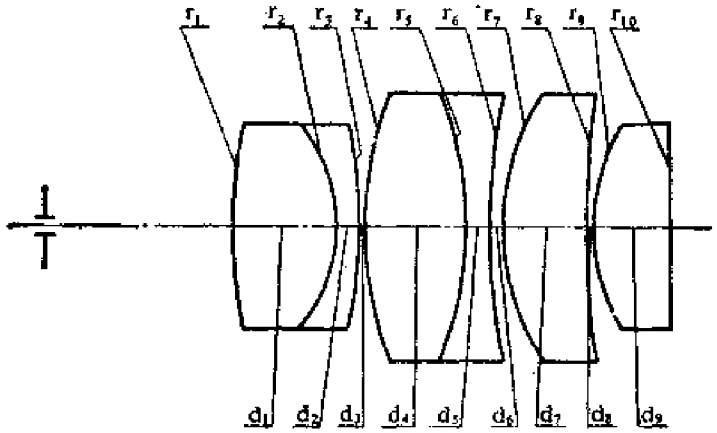


序　号	r	d	n	ν	序　号	r	d	n	ν
1	− 8.017	1.9	1.6.26	58.3	7	44.360	1.0	1.7172	29.5
2	−11.942	0.1			8	16.943	5.0	1.5302	60.5
3	−70.630	1.8	1.5302	60.5	9	−45.710	0.1		
4	−20.840	0.1			10	43.050	4.8	1.5302	60.5
5	77.980	2.5	1.5302	60.5	11	−20.320	1.0	1.7172	29.5
6	−28.770	0.1			12	−44.870			

编号：08-01-M131

大孔径目镜

E.F.L＝11.80　　B.F.L＝3.87　　$\phi_{出}/2=3.5$　　F.A.＝±20°　　$L_p=-13.57$

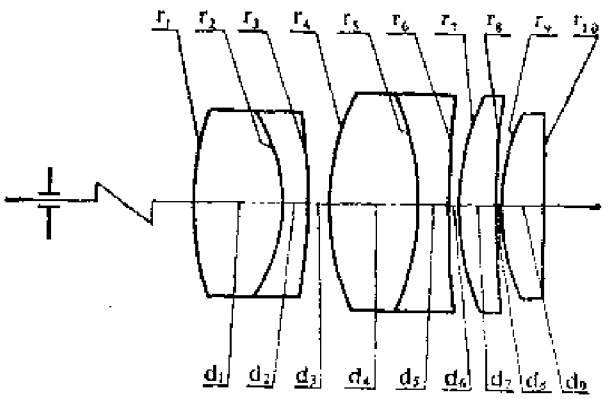


序　号	r	d	n	v	序　号	r	d	n	v
1	54.950	6.2	1.6220	56.7	6	54.950	0.1		
2	− 9.594	1.3	1.7280	28.3	7	15.171	5.2	1.6385	55.5
3	−35.160	0.1			8	48.080	0.1		
4	26.670	5.9	1.6220	56.7	9	12.417	4.4	1.6385	55.5
5	−20.890	1.3	1.6725	32.2	10	∞			

编号：08-01-M132

大孔径目镜

E.F.L＝11.47　　B.F.L＝2.92　　$\phi_{出}/2=3.5$　　F.A.＝±14°　　$L_p=-17.09$

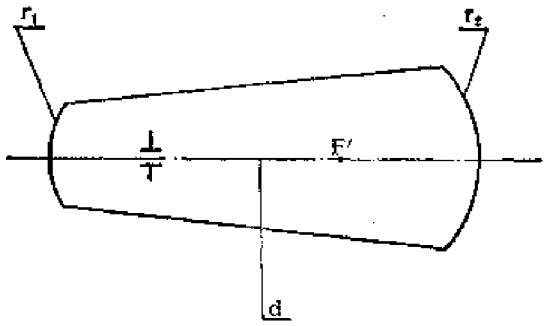


序　号	r	d	n	v	序　号	r	d	n	v
1	18.281	5.30	1.5147	60.6	6	158.120	0.14		
2	− 9.817	1.40	1.6475	33.9	7	15.812	2.20	1.5147	60.6
3	−32.890	1.35			8	74.130	0.14		
4	13.092	5.50	1.5147	60.6	9	14.256	2.50	1.5147	60.6
5	−14.093	2.00	1.6475	33.9	10	∞			

编号：08-01-M133

虚焦面的目镜

E.F.L=41.67　B.F.L=－21.40　$\phi_{出}/2=3$　F.A.=±16.5°　L_p=14.06

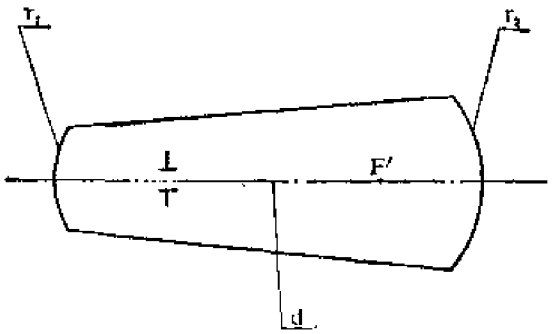


序　号	r	d	n	v
1	14.06	62.5	1.5163	64.1
2	－20.84			

编号：08-01-M134

虚焦面的目镜

E.F.L=41.67　B.F.L=－20.88　$\phi_{出}/2=3$　F.A.=±16.5°　L_p=16.255

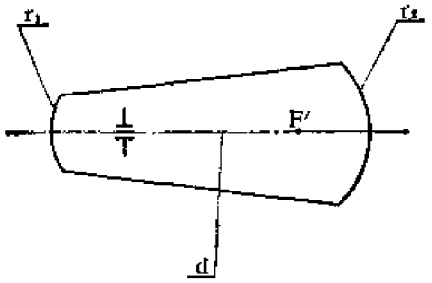


序　号	r	d	n	v
1	16.255	62.5	1.640496	60.1
2	－20.840			

编号：08-01-M135

虚焦面的目镜

E.F.L＝20.88　　B.F.L＝－10.51　　$\phi_{出}/2=2$　　F.A.＝±15.5°　　$L_p=6.823$

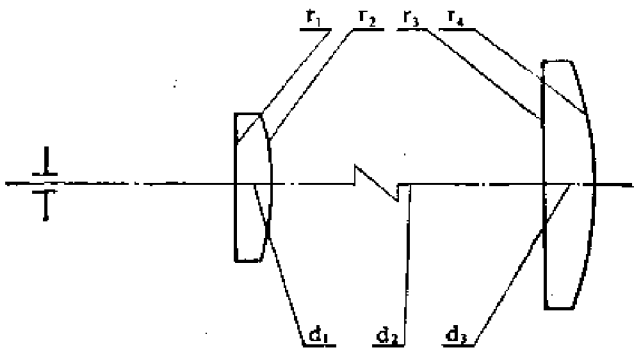


序　　号	r	d	n	v
1	6.823	31.3	1.4874	70
2	－10.423			

编号：08-01-M136

虚焦面的目镜

E.F.L＝49.93　　B.F.L＝－17.39　　$\phi_{出}/2=2$　　F.A.＝±12°　　$L_p=-14$

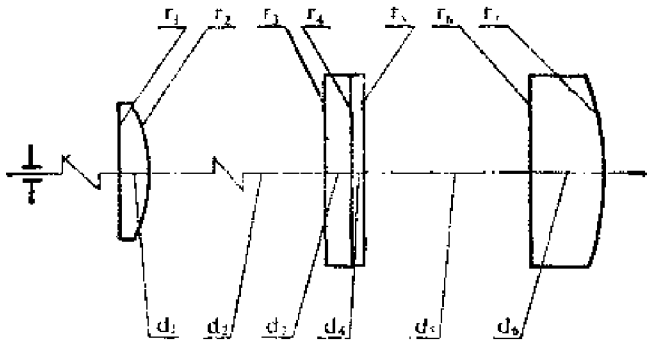


序　　号	r	d	n	v
1	∞	2.50	1.5163	64.1
2	－19.18	47.58		
3	∞	3.80	1.5163	64.1
4	－26.09			

编号：08-01-M137-1

虚焦面的目镜

E.F.L=42.31　B.F.L=−29.61　$\phi_{出}/2=1.6$　F.A.=±14°　$L_p=-11.50$

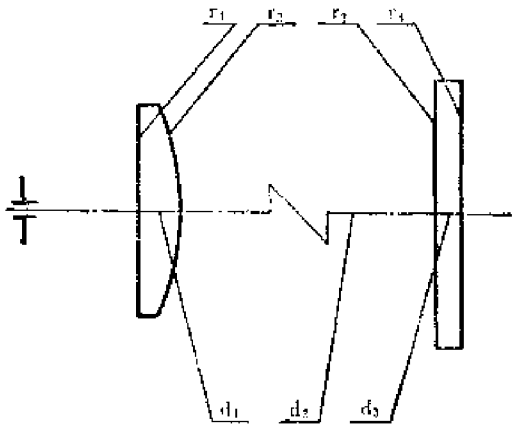


序　号	r	d	n	v
1	∞	2.00	1.5163	64.1
2	− 13.10	24.38		
3	∞	1.50	1.5163	64.1
4	∞	0.50	1.5163	64.1
5	∞	13.81		
6	∞	5.50	1.5163	64.1
7	− 22.91			

编号：08-01-M137-2

虚焦面的目镜

E.F.L=38.47　B.F.L=0　$\phi_{出}/2=1.6$　F.A.=±14°　$L_p=-11.50$

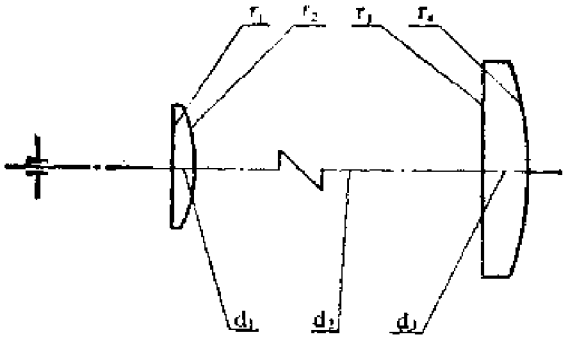


序　号	r	d	n	v
1	∞	2.00	1.5163	64.1
2	− 13.10	24.38		
3	∞	1.50	1.5163	64.1
4	∞			

编号：08-01-M138

虚焦面的目镜

E.F.L＝35.61　B.F.L＝－18.45　$\phi_{出}/2=1.4$　F.A.＝±16°　$L_p=-10$

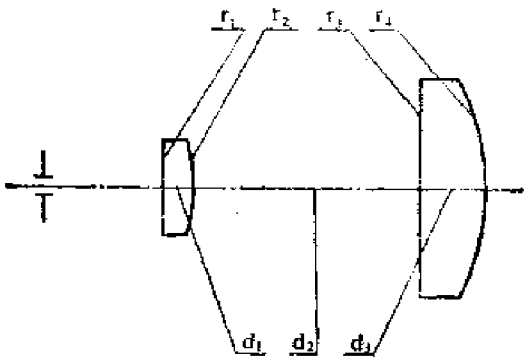


序　号	r	d	n	v
1	∞	1.5	1.5163	64.1
2	－ 13.08	36.2		
3	∞	3.5	1.5480	45.9
4	－ 24.92			

编号：08-01-M139

虚焦面的目镜

E.F.L＝30.48　B.F.L＝－13.84　$\phi_{出}/2=1.2$　F.A.＝±18°　$L_p=-8.283$

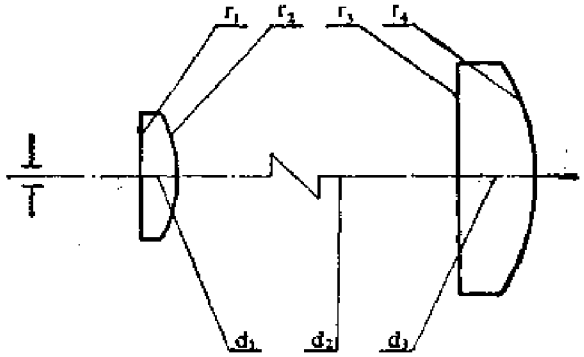


序　号	r	d	n	v
1	∞	1.9	1.5399	59.7
2	－ 11.83	28.7		
3	∞	4.8	1.5163	64.1
4	－ 18.28			

编号：08-01-M140

虚焦面的目镜

E.F.L=25.01　B.F.L=−11.30　$\phi_{出}/2=1$　F.A.=±18°　$L_p=-8$

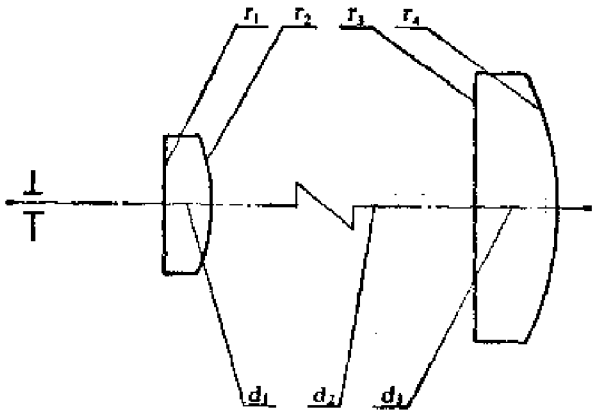


序　号	r	d	n	v
1	∞	2.5	1.5163	64.1
2	−9.48	22.9		
3	∞	5.7	1.5163	64.1
4	−16.12			

编号：08-01-M141

虚焦面的目镜

E.F.L=16.66　B.F.L=−7.40　$\phi_{出}/2=1$　F.A.=±18°　$L_p=-5$

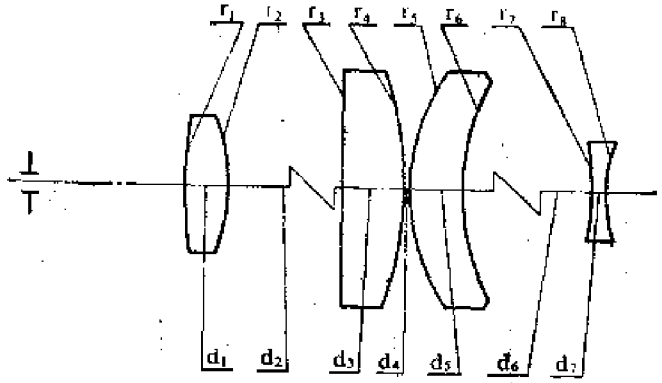


序　号	r	d	n	v
1	∞	1.60	1.5163	64.1
2	−6.48	16.20		
3	∞	2.92	1.5163	64.1
4	−11.67			

编号：08-01-M142

虚焦面的目镜

E.F.L＝10　B.F.L＝－13.95　$\phi_{出}/2$＝0.41　F.A.＝±18.5°　L_p＝－12.78

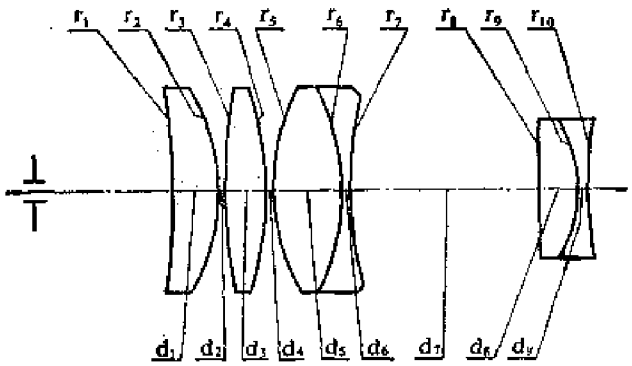


序　号	r	d	n	v
1	166.10	2.90	1.5688	56.0
2	－14.20	38.49		
3	∞	4.10	1.6475	33.9
4	－31.70	0.36		
5	15.60	4.00	1.6725	32.2
6	17.42	26.00		
7	－98.63	1.00	1.5163	64.1
8	10.35			

编号：08-01-M143

虚焦面的目镜

E.F.L＝9.95　B.F.L＝－8.65　$\phi_{出}/2$＝0.5　F.A.＝±30°　L_p＝－10.5

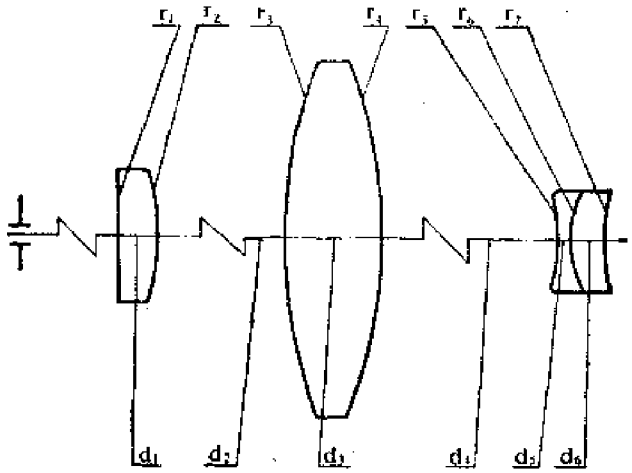


序　号	r	d	n	v
1	－131.520	2.85	1.6204	60.3
2	－14.757	0.07		
3	58.880	2.95	1.6204	60.3
4	－25.000	0.07		
5	15.812	5.08	1.6204	60.3
6	－15.812	0.73	1.7172	29.5
7	31.330	13.40		
8	∞	2.83	1.7172	29.5
9	－9.772	0.63	1.6204	60.3
10	30.480			

编号：08-01-M144

虚焦面的目镜

E.F.L＝9.83　B.F.L＝－17.61　$\phi_{出}/2$＝0.42　F.A.＝±18.5°　L_p＝－12.2

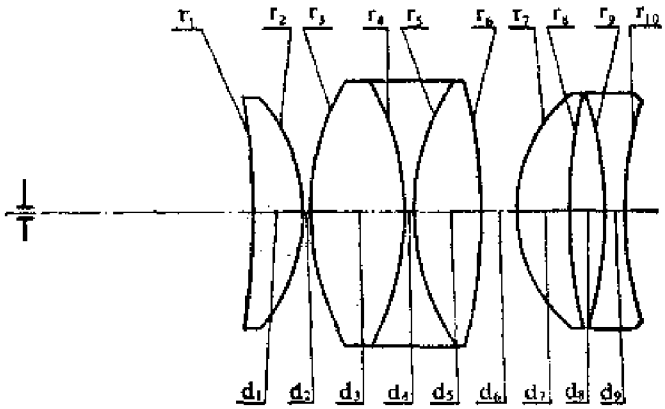


序　号	r	d	n	v
1	∞	3	1.6199	36.3
2	－ 17.11	44		
3	37.50	7	1.5163	64.1
4	－ 49.09	46		
5	－ 15.30	1	1.6220	56.7
6	7.00	3	1.6199	36.3
7	61.55			

编号：08-01-M145

虚焦面的目镜

E.F.L＝25.02　B.F.L＝－1.70　$\phi_{出}/2$＝2.5　F.A.＝±36°　L_p＝－28

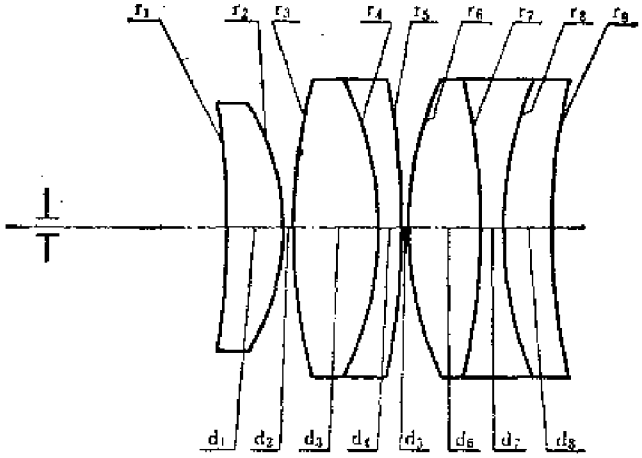


序　号	r	d	n	v	序　号	r	d	n	v
1	－104.95	6.7	1.5688	56.0	6	－109.65	5.4		
2	－ 26.06	0.1			7	23.01	7.8	1.5688	56.0
3	39.17	12.4	1.6126	58.3	8	69.66	5.1		
4	－ 41.50	1.6	1.7398	28.2	9	－ 51.88	2.6	1.5688	56.0
5	34.44	10.0	1.6126	58.3	10	57.02			

编号：08-01-M146

内调视度的目镜

E.F.L＝40.02　　B.F.L＝15.18　　$\phi_{出}/2=8$　　F.A.＝±35°　　$L_p=-30$



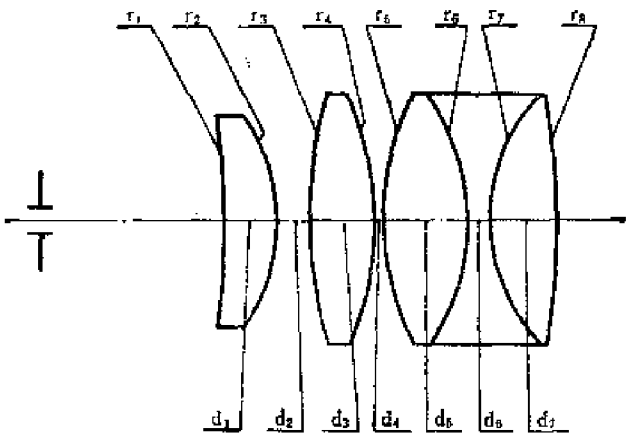
序　号	r	d	n	ν	序　号	r	d	n	ν
1	−334.10	9.0	1.6968	56.2	6	65.98	13.8	1.6968	56.2
2	− 51.18	2.5†††			7	−105.40	3.3	1.7200	27.3
3	117.60	14.8	1.6968	56.2	8	65.98	8.2	1.6968	56.2
4	− 58.74	4.0	1.7200	27.3	9	125.30			
5	−293.30	0.2							

††† 0 视度$d_2=2.5$　B.F.L＝15.18；　−3 视度$d_2=9.0$　B.F.L＝8.48；　+1视度$d_2=0.4$　B.F.L＝17.20

编号：08-01-M147

内调视度的目镜

E.F.L＝23.20　　B.F.L＝4.11　　$\phi_{出}/2=2$　　F.A.＝±30°　　$L_p=-18.5$



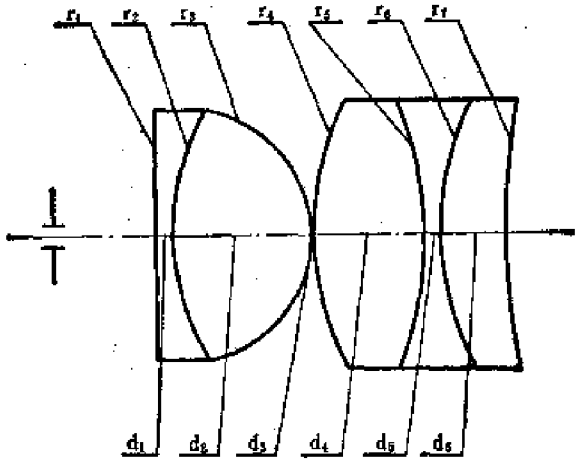
序　号	r	d	n	ν	序　号	r	d	n	ν
1	−129.42	6.0	1.5467	60.5	5	33.11	10.0	1.5163	64.1
2	− 23.33	3.6†††			6	− 26.06	3.2	1.7398	28.2
3	64.27	7.0	1.5467	60.5	7	20.23	7.5	1.5163	64.1
4	− 41.30	0.2			8	−304.80			

††† 0 视度$d_2=3.60$　B.F.L＝4.11；　−4视度$d_2=6.53$　B.F.L＝1.19；　+3视度$d_2=1.65$　B.F.L＝6.05

编号：08-01-M148

目　　镜

E.F.L＝20.02　　B.F.L＝6.08　　$\phi_{出}/2=1.5$　　F.A.＝±35°　　$L_p=-12$



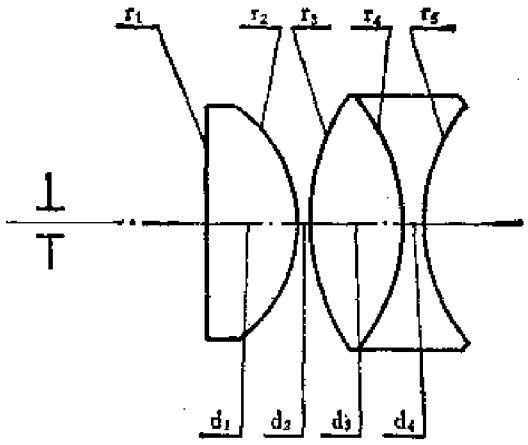
序　　号	r	d	n	v
1	∞	2.0	1.5480	45.8
2	32.060	16.0	1.5467	62.8
3	−15.205***	0.2		
4	41.120	13.0	1.6126	58.3
5	−39.990	2.0	1.6128	36.9
6	35.000	7.0	1.6126	58.3
7	236.600			

＊＊＊可按球面计算。也可按抛物面计算。$y^2=2rx$　$r=-15.205$。

编号：08-01-M149

目　　镜

E.F.L＝20.01　　B.F.L＝9.81　　$\phi_{出}/2=1.4$　　F.A.＝±35°　　$L_p=-15$



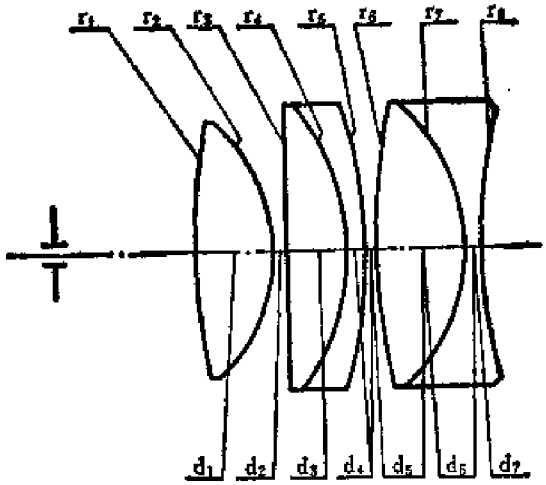
序　　号	r	d	n	v
1	∞	10.0	1.6920	54.5
2	−15.417***	0.2		
3	25.700	10.0	1.6568	51.1
4	−21.380	2.0	1.7550	27.5
5	20.990			

＊＊＊可按球面计算。也可按非球面计算。$y^2=(-2)\times15.417x-0.22x^2$ 。

编号：08-01-M150

目　镜

E.F.L＝19.97　　B.F.L＝8.69　　$\phi_{像}/2=1.5$　　F.A.＝±35°　　$L_p=-10$



序　号	r	d	n	v	序　号	r	d	n	v
1	79.070	7.50	1.6968	56.2	5	−56.490	0.10		
2	−18.836***	0.10			6	79.070	8.50	1.6968	56.2
3	∞	6.00	1.6968	56.2	7	−19.770	1.15	1.7847	25.7
4	−24.720	1.15	1.7847	25.7	8	49.890			

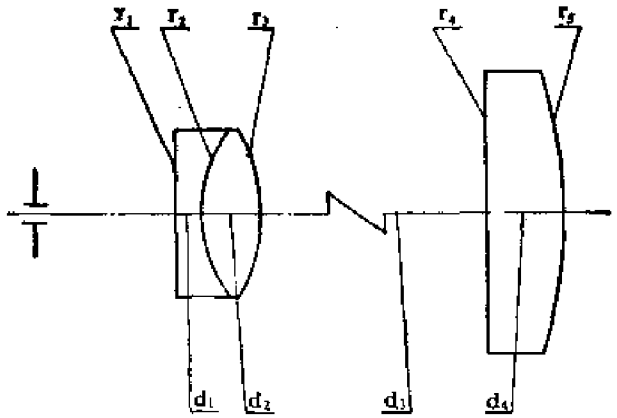
＊＊＊可按球面计算。也可按抛物面计算。$y^2=2rx$　$r=-18.836$。

编号：08-01-M151

变焦距目镜

E.F.L＝15.05～30.02　　B.F.L＝12.30～−16.84　　$\phi_{像}/2=0.37\sim0.75$

F.A.＝±30°～±15°



序　号	r	d	n	v	序　号	r	d	n	v
1	∞	1.1	1.6164	36.3	4	∞	3.8	1.6164	36.3
2	7.015	3.2	1.5163	64.1	5	−25.640			
3	− 8.710	***1							

＊＊＊1＝2.20　E.F.L＝15.05　B.F.L＝12.30　$L_p=-10.62$
＊＊＊1＝10.80　E.F.L＝17.62　B.F.L＝7.31　$L_p=-7.02$
＊＊＊1＝19.44　E.F.L＝21.26　B.F.L＝0.22　$L_p=-5.49$
＊＊＊1＝28.08　E.F.L＝26.79　B.F.L＝−10.55　$L_p=-7.65$
＊＊＊1＝31.65　E.F.L＝30.02　B.F.L＝−16.84　$L_p=-10.44$